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62.23

Vaughan's Giant Flowering Julips

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1932
Front Cover Collection

One first size bulb of each of the varieties listed on this page (8 bulbs) will be sent prepaid for - - - - **75c**

Two each - - - -	$1.35
Three each - - -	2.00
Six each - - - -	3.50
Twelve each - - -	6.50

No. 1 DIDO (Cottage)

Doz.	100	1000
$1.00	$6.50	$60.00

No. 2 JUBILEE (Darwin)

Doz.	100	1000
$0.90	$6.00	$55.00

No. 3 ROSABELLA (Cottage)

Doz.	100	1000
$0.90	$6.00	$55.00

No. 4 LUCIFER (Breeder)

Doz.	100	1000
$0.90	$6.00	$55.00

No. 5 LOUIS XIV (Breeder)

Doz.	100	1000
$0.60	$4.25	$38.00

No. 6 CITY OF HAARLEM (Darwin)

Doz.	100	1000
$0.75	$5.25	$47.50

No. 7 LA TRISTESSE (Darwin)

Doz.	100	1000
$0.90	$6.00	$55.00

No. 8 GRENADIER (Cottage)

Doz.	100	1000
$0.75	$5.25	$47.50

Vaughan's Seed Store
Chicago · · New York

Flowers You Can Grow Indoors

PAPER WHITE Grown in Gravel

TO brighten the dull winter days and shorten the wait for another spring, a bowl of flowers in the sun-parlor or living room is the ideal prescription. There is a wealth of material easily grown which will give flowers at a fraction of the cost were one to buy them in bloom. Complete instructions are sent with the bulbs illustrated on this page, which make failure impossible if they are observed. No experience or skill is required to succeed with these subjects.

See pages 6 and 7 for cultural instructions.

AMARYLLIS Hybrids

Paper White Narcissi

To Grow in Gravel and Water

Fancy selected bulbs (13 ctm.). Three bulbs for **15c**; doz., **50c**; 100, **$3.00**; 1,000, **$25.00.**

Mammoth bulbs (14 ctm.). Three bulbs for **20c**; dozen, **60c**; 100, **$4.00**; 1,000, **$35.00.**

Jumbo bulbs (15 ctm.) Three bulbs for **25c**; dozen, **75c**; 100, **$5.00**; 1,000, **$45.00.**

HYACINTHS

The Yellow Paper White

(Grand Soleil D'Or)

A larger, stronger scented form of the Paper White Narcissus colored a beautiful golden yellow with a darker cup.

Mammoth bulbs. Each, **15c**; per three, **40c**; dozen, **$1.50**; 100, **$10.00.**

Chinese Sacred Lily

(Narcissus)

Mammoth Bulbs. Each **10c**; per three, **25c**; per dozen **$1.00**; 100, **$7.00.**

Hyacinths

For Forcing Indoors

Vaughan's Rainbow Collections

Single Named Hyacinths first size for Window Garden

Queen of Pinks, Pink **Grand Maitre.** Lt. Blues **La Victoria**, Red. **L'Innocence**, White. **King of the Blues**, Dark Blue. **City of Haarlem**, Yellow.

PREPAID PRICES—	Postpaid
A— 6 Bulbs, one of each variety	$ 0.85
B—12 Bulbs, two of each variety	1.60
C—24 Bulbs, four of each variety	3.00
D—36 Bulbs, six of each variety	4.00

Lily of the Valley

These beautiful fragrant flowers may be brought to flower in 18 to 20 days, if pips from cold storage are used.

COLD STORAGE PIPS, ready November 1, 25 for **$2.00**; 100 for **$6.00**, postpaid.

SPHAGNUM MOSS, sufficient for 25 pips, **10c**, postpaid.

Gravel and Pearl Chips

Gravel for bulb bowls, **5c** per lb.; 5 lbs., **20c**; 10 lbs., **35c.**

Pearl chips, **15c** per lb.; 10 lbs., **90c.**

Pearl Chips, Colored. Per lb., **20c**; 10 lbs., for **$1.15.**

For Parcel Post delivery add postage at zone rates.

Vaughan's Prepared Fibre

For Growing Bulbs in Bowls, Without Drainage. Per Lb., **15c**; 3 lbs., **35c**; 10 lbs. **85c.**

Amaryllis

EQUESTRE. Orange-scarlet. Each, **20c**; doz., **$2.00**; 100 **$15.00.**

VAUGHAN'S NEW HYBRIDS. One of the finest strains of Amaryllis we have yet seen, raised by an eminent grower whose entire stock we have purchased. Flowers are immense, in an amazing range of colors, blended, splashed and striped in a manner not seen in other strains. Each, **55c**; doz., **$5.50**; 100, **$40.00.**

JOHNSONII. Has immense trumpet-shaped flowers, which measure 6 to 8 inches across, are borne on strong fleshy spikes, and are rich, deep velvety crimson, each petal having a broad white stripe contrasting beautifully with the deep red color. Each, **40c**; doz., **$4.00**; 100, **$30.00.**

LILIES of the VALLEY Forced in Sphagnum Moss

ORDER for SEEDS, BULBS and SUPPLIES TO

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We do not warrant in any way, expressed or implied, the contents or the description, purity, productiveness or any other matter of any seeds, bulbs or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale at the moderate prices we charge.
VAUGHAN'S SEED STORE (Incorporated).

N.B. Examine seeds closely, test if desired, write us if anything is wrong and we will adjust.

QUANTITY (Do not Abbreviate)	NAME OF ARTICLE	SIZE	PRICE Dols.	PRICE Cts.
	☞ In making your order, please give the sizes and prices to avoid delay and errors.			
	Carried Forward,	lbs.	$	

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QUANTITY	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it.	WEIGHT For Parcel Post Only	PRICE Dols.	 Cts.
	Brought Forward			

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DOMESTIC PARCEL POST RATES

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Zone	First pound or fraction	Each additional pound or fraction
Local—Chicago or New York City	7c.	1c (2 lbs)
First and Second Zone within 150 miles of either	8c.	1.1c
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Sixth Zone within 1000 to 1400 miles	12c.	7c
Seventh Zone within 1400 to 1800 miles	14c.	9c
Eighth Zone all over 1800 miles	15c.	11c

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A Page of Rare Values

Darwin Tulips, Bedding Size, 100 for $2.75 . . . .

These are imported bulbs of a special home garden grade, all fine named varieties and of flowering size for outdoor planting, though not recommended for forcing, and smaller than the bulbs listed on other pages of this catalog. They were expecially selected for this offer by our Dutch growers, who supply the highest quality bulbs for our florist and private estate trade.

Ten Each of Ten Varieties Embracing These Rainbow Colors, prepaid for $2.75

Red Pink Rose Lilac Violet Scarlet Bronze Yellow Crimson Orange

Three Outstanding Tulips at Lowest Ever Quoted . . . .

Louis XIV, giant breeder tulip of purple and gold, is generally considered the finest of all late tulips, growing 40 inches high in favorable conditions, and having a huge flower. A few years ago we sold it for $12 a dozen; and this year we offer bedding size bulbs at the lowest price we have ever quoted, doz., 50c; 100, $3.50 prepaid.

Gen. De Wet, giant late early, of a deep orange, which is flushed with carmine, is without a rival among the earlier varieties. It is the most fragrant of tulips, 10 inches tall, with huge flower, and is a rare bargain at doz., 80c; 100 for $5.50 prepaid.

Fantasy. A remarkable Parrot Tulip with a straight, strong stem, a quality which has always been lacking in Parrot tulips. This variety is a sport of the well-known Darwin tulip, Clara Butt, and has the same clear pink color as its parent, combined with artistic form of a Parrot tulip. Each petal is over three inches long, and two inches across. Five years ago this tulip sold at $1.00 per bulb. Each, 20c; doz., $2.00; per 100, $15.00.

Narcissi for Naturalizing . . .

Before the narcissus embargo went into effect we imported a large quantity of bulbs, into which our Dutch growers who were reducing plantations, put named varieties of Large Trumpet, Leedsii, Barri and Poeticus types, making a mixture which cannot be compared with others. These bulbs have multiplied on our farms in Illinois, and are now offered for naturalizing at doz., 65c; 100, $4.00; 1,000, $35.00, by express.

Ten Different Lilies, $1.60 . .

These ten varieties offer no difficulties to the amateur: Regale, white: Canadense, yellow; Superbum, orange; Pardalinum, yellow; Philadelphicum, orange; Elegans, red; Tenuifolium, coral; Tigrinum: single, orange; Tigrinum, double, orange; Umbellatum, orange. By express, one of each, 10 bulbs, $1.60; two of each, (20), $3.00; six of each, (60), $8.50; twelve of each, (120), $15.00.

Peony Bargains . . . . . .

Peony Collection 32A

Six of the world's finest varieties

9.9 **Le Cygne,** white
9.0 **Longfellow,** red
9.7 **Solange,** cream
9.8 **Therese,** pink
9.4 **Tourangelle,** white
9.3 **Walter Faxon,** pink

One each of the above (value $12.00) **for $9.00**

Peony Collection 32D

Three outstanding Japanese varieties

9.2 **Ama-No-Sode,** pink
8.3 **Snow Wheel,** white
8.6 **Mikado,** red

One each of the above (value $9.00) **for $6.00**

Peony Collection 32E—Surprise Collection

Six beautiful varieties (value $3.25) for **$2.00**

Six different Peonies—2 red, 2 white and 2 pink, our selection, labeled, for only **$2.00.** (Felix Crousse and Reine Hortense will be two of the varieties included in this collection.)

Iris Bargains . . . . . .

Special Offer No. 32H

One each Asia, Chasseur, Frieda, Mohr, Germaine Perthius, Labor, Micheline Charriere, Morning Splendor, and Santa Barbara (value $7.25) for **$5.00.**

Special Offer No. 32M

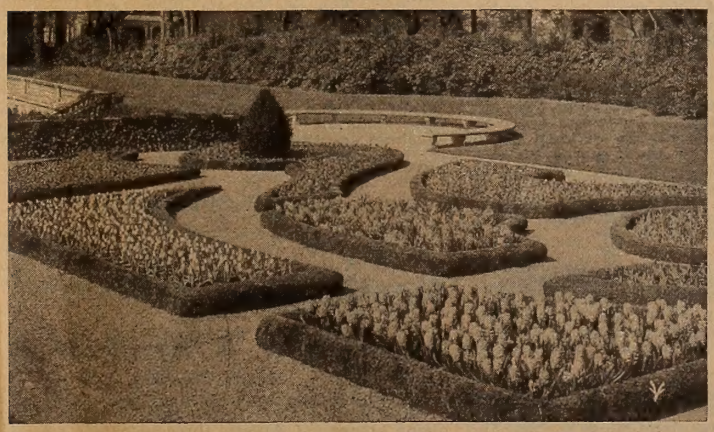
One each of 8 named Japanese Irises for **$2.00;** 3 each for **$4.00.**

Special Offer No. 32N

One each of Emperor, George Wallace, Perry's Blue and Snow Queen for **$1.00;** 3 each for **$2.00.**

Special Offer No. 32O

Two Months of Iris Blooms. 3 Dwarf Bearded, 6 Tall Bearded, 3 Siberian, 3 Beardless, and 3 Japanese, all different varieties, our selection, labeled, 18 plants (value $5.00) for **$3.00.**



Vaughan's Seed Store...Established 1876

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Bulb Offers for Beginners

Providing Succession of Bloom

$1.00 To introduce to you the variety and beauty of spring flowering bulbs we will send the following, all of first quality: 6 grape hyacinths, 6 crocuses, 6 early tulips, 6 May-flowering bulbs, 6 daffodils and 6 Dutch iris mixed—36 bulbs in all—for $1.00, postpaid.

$2.50 We will send bulbs of the finest quality of the following: 12 snowdrops, 12 grape hyacinths 12 crocuses, 12 blue scillas, 12 early tulips, 12 May-flowering tulips, 12 mixed daffodils, 6 erythroniums, 10 Dutch iris mixed—100 bulbs in all for $2.50, prepaid.

$5.00 We will send bulbs of the finest quality of our selection, all named varieties, or single colors, no mixtures, bagged separately with names on bags, the following assortment: 25 snowdrops, 25 grape hyacinths 25 crocuses, 25 scillas, 25 early tulips, 25 May-flowering tulips, 25 mixed daffodils, 25 erythroniums, 25 Dutch iris mixed—225 bulbs in all for $5.00, prepaid.

$10.00 We will send bulbs of the finest quality and of the better named varieties, bagged separately, with names on bags, the following assortment: 25 snowdrops, 25 grape hyacinths, 50 crocuses, 50 scillas, 50 early tulips, 50 Darwin tulips, 50 Breeder tulips, 50 mixed daffodils, 25 bedding hyacinths 25 erythroniums, 50 Dutch iris mixed—450 bulbs in all for $10.00, NOT PREPAID.

What's New for Spring Gardens?

Tulips—Single Early

Diadem 9a. A very beautiful, large flowered pearly pink tulip, with the interior slightly darker rose pink. This variety is outstanding because of its extreme earliness and tall, strong stem. Height, 19 inches. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

General De Wet 10a, beautiful deep orange shaded golden yellow at the base of the petals. A very fragrant flower and one of the finest newer sorts in cultivation. There is no other orange variety which equals it in brilliancy. It is therefore one of the showiest bedders, and as it forces splendidly we can recommend it for all purposes. Per doz., **80c**; 100, **$5.50**; 1000, **$50.00.** **(Illustrated on Inside Back Cover.)**

Tulips—Breeders

Creation Without question one of the finest orange bronze tulips ever introduced When in full bloom the flower becomes bright orange with a delicate shade of bronze. A glorious tulip when forced in mid-January. Large flower on a tall and strong stem. Each, **35c**; doz., **$3.50**; 100, **$25.00.**

Golden Buff A tremendous tulip on a tall and stiff stem, dull golden buff, center greenish yellow. When forced this flower becomes bronzy-yellow and is superior to any variety in this shade. A color as yet not found amongst the breeders. Each, **45c**; doz., **$4.50**; 100, **$30.00.**

Tulips—Cottage

Alemene A refined, oblong flower of intense and warm coloring. Glowing, deep carmine with white base with blue border. Per doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Buff Beauty A very delicate tulip, salmon orange, center orange, shaded yellow. When forced the color turns to bright salmon orange. Per doz., **$1.00**; 100, **$7.00**; $1,000, **$65.00.**

Dido (26 in.) Superb in form, poised erect on a straight stem, we know of no other tulip that has more fragrance and brilliant coloring than Dido. It is a deep, rich pink with salmon lights, suffused and slightly edged orange. **(Illustrated on Front Cover.)** Doz., **$1.00**; 100, **$6.50**; 1,000, **$60.00.**

General French (26in.) Immense size, perfect form, of warm rose tone. The flower is egg-shaped, many of the petals being fully six inches in length. Created a sensation last spring at our trial grounds. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00.**

Illuminator Brilliant yellow, streaked red. A dazzling color. Per doz., **80c**; 100, **$5.50**; 1,000, **$52.50.**

Miss Blanche (20 in.) Pure white tulip of Darwin shape with squared petals. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Mrs. F. E. Dixon **(Sulphur Beauty.)** (20 in.) We never believed a tulip could be so pure, clear and wax-like in texture until we saw this variety. The flowers are enormous, and the bloom large and globular. The color is very clear sulphur yellow. Each, **45c**; doz., **$4.50**; 100, **$35.00.**

Orient (26 in.) Large, egg-shaped flower with long petals. Rich, warm pink slightly touched with amber at edges of the petals. Doz., **$1.30**; 100, **$8.50**; 1,000, **$80.00.**

Pandora (16 in.) The flower is not large nor the stem tall, but this tulip possesses a coloring so rich and striking that visitors to our trial grounds enthused at its beauty. The color is soft orange shaded salmon pink. Each, **25c**; doz., **$2.50**; 100, **$17.00.**

Rosabella (18 in.) This graceful tulip can be compared to the loveliness of a rose bud. Pure pink in color, it possesses great charm. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00.** **(Illustrated on Front Cover.)**

Tulips—Darwin

Avalon An excellent newcomer. Tall, strong, straight stem and pure snow white color. This tulip possesses unusual beauty of form and is very vigorous. Doz., **$1.25**; 100, **$8.00**; 1,000, **$75.00.**

Benjamin Franklin The softly shading color of this beautiful lavender tulip has an indefinable charm that wins everyone's praise. The flower is strong, the stem long and straight. Per doz., **$1.25**; 100, **$8.00**; 1,000, **$75.00.**

Chant Du Cygne (26 in.) A tremendous flower of fiery scarlet shaded soft rose, with large blue base. An excellent exhibition variety of fine substance. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Gloria Swanson An enormous crimson-red flower, with a bluish base. We do not believe that a larger and stronger tulip in this color has ever been raised. Very strong stem flower has great lasting qualities. This is really a giant and an excellent early forcing variety. Each, **50c**; per doz., **$5.00.**

Duke of Portland A large flower of fine form, rich, brilliant scarlet in color, with a blue base starred with white, Doz., **95c**; 100, **$6.50**; 1,000, **$62.50.**

Reve d'Amour **(Dream of Love)** An excellent flower of good substance, rare beauty and good form. This remarkable flower opens white with carmine spots and edge, but gradually becomes reddish violet, the base alone remaining white. Height, 26 inches. Doz., **$1.60**; 100, **$12.00.**

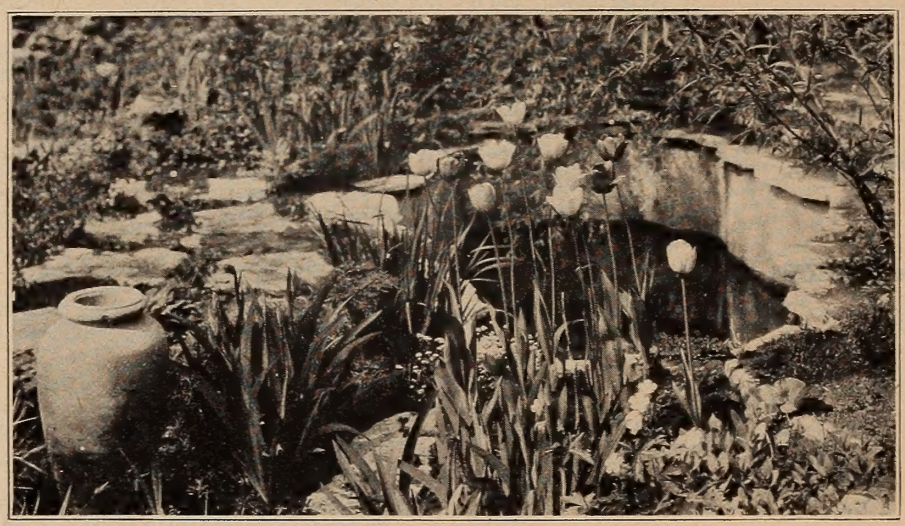
Tennessee Beautiful silvery rose with light blue base. Tall, strong grower. Doz., **$1.25**; 100, **$8.00**; 1,000, **$75.00.**

Tokay Resembles in color the wine of this name. Tremendous flower on a stiff and tall stem. The largest tulip in this color. Per doz., **$1.25**; 100, **$8.00**; 1,000, **$75.00.**

Yellow Giant A golden yellow tulip of great beauty and size, a large flower with black anthers. Tall and strong stem. This is the best of the several yellow Darwin tulips offered. Doz., **$2.00**; 100, **$15.00.**

Tulips—Laciniated Darwin

Sundew This flower is something entirely new in tulips. The curved petals are provided with barbs, giving the edges of the flower a fringed effect. It is said to be a natural sport of the popular variety Bartigon, retaining the brilliant crimson coloring and magnificent size. Doz., **90c**; per 100, **$6.00**; 1,000, **$55.00.**



A GROUP OF NEW TULIPS STIMULATES GARDEN INTEREST

Tulips—Parrot

Fantasy A remarkable Parrot Tulip with a straight, strong stem, a quality which has always been lacking in Parrot tulips. This variety is a sport of the well-known Darwin tulip, Clara Butt, and has the same clear pink color as its parent, combined with artistic form of a Parrot tulip. Each petal is over three inches long, and two inches across. Each, **20c**; doz., **$2.10**; 100, **$15.00.**

Spring Snowflake

(Leucojum Vernum)

A favorite little early spring flower having drooping, bell-shaped flowers, white, with small brown tips. Once planted in a favorable environment, they come up every spring, bearing more flowers each time. Excellent for rock gardens and naturalizing. Doz., **$1.00**; 100, **$6.50**; 1,000, **$60.00.**

Helen Eakin Pure, snow white flowers of perfect texture, beautifully proportioned, the personification of heavenly purity. This tulip was unanimously awarded an Award of Merit in Holland and the President Coolidge medal at the recent Spring Flower Show at New York. The flower is wide open and more "square shouldered" than "Rensellaer." Height, 30 inches. Each, **50c**; Doz., **$5.00.**

Lilac Wonder A color which up to now has not been shown in any tulip. The flower is porcelain lilac with a white center and borne on a stiff stem. A wonderful novelty. Per doz., **$1.75**; 100, **$12.00.**

La Tosca Most tulips are beautiful, but here is a variety that is surpassingly attractive. Among all others it stands forth and is immediately noticed for its subtle charm and brilliant coloring. The flower is large, egg shaped, creamy yellow, with a darker edge and base, turning sulphury white when in full bloom. Strong growing plant; flowers are carried on tall, stiff stems. Each, **35c**; per doz., **$3.50**; 100, **$25.00.**

Mrs. Mandel The improved Wm. Copeland, with a large and far more substantial flower Violet blue, flushed lilac, with large, white base. This variety may be forced very early in January. Excellent keeper, strong stem. Highly recommended, Per doz., **$1.25**; 100, **$8.00**; 1,000, **$75.00.**

Purple King **(Viola)** One of the most outstanding purple tulips. The flowers are extremely large, pure bluish purple. The stem is thick and straight, and the entire plant is very vigorous. When well grown has as many as ten petals. Height, 30 inches. Doz., **95c**; 100, **$6.50**; 1,000, **$60.00.**

Ornithogalum—Aureum

The flower stems are usually over a foot, with most of the upper half covered with clusters of flowers of a deep orange. Its ease of culture, and the lasting qualities of the flowers make it an ideal cut flower. During the winter months, quantities of these flowers are gathered wild around Cape Town, South Africa, and shipped perfectly dry to England, always arriving in excellent condition. A vase of these flowers shipped to Chicago from California and exhibited in the spring flower show was still in good condition two weeks later. A flower that possesses such long lasting qualities and ease of production is bound to become very popular. Per doz., **$5.00**; per 100, **$50.00.**

Iris Reticulata

Violet-scented, dark blue flowers with golden blotch, one of the most beautiful, fine for forcing, and an excellent border or rock garden plant. Increases quickly. Flowers outdoors in March. Each, **40c**; doz., **$4.00**; 100, **$30.00.**

Lillum Willmottiae

(Ready October)

A beautiful and rather rare lily from China. Well grown specimens often carry more than twenty brilliant orange-red flowers, three inches across. The entire plant has a slender, graceful appearance, but is very sturdy. Flowers are covered with very fine dots.
4-6 inch—Each, **55c**; doz., **$5.50**; 100, **$42.50.**
6-8 inch—Each, **80c**; doz., **$8.00**; 100, **$60.00.**

CROCUSES

ERANTHIS (Winter Aconite)

SNOWDROPS

TULIP KAUFMANNIANA

Bulbs for the *Rock* Garden

Many are *Suited* in Size and Habit for a *Place* in the *Rockery*

THE FINEST subjects for the rockery are found among the minor bulbs, which by very reason of their dwarf stature, and delicate blossoms, are likely to be outshone in the border by more conspicious rivals. These more gorgeous subjects, the tall late tulips, and the giant daffodils, would never do in rock gardens; they would be out of scale, in size and character. But minor bulbs find among the rocks effective settings, where their most elusive beauties are made visible.

In planting bulbs in the rock gardens, there are no especial precautions to be taken. They like good drainage. Most of them need not be planted deeply; four times the diameter of the bulb is the general rule. Those that blossom early will look best against the background of a rock. They do not need protection from the cold, but will escape many dangers if they are shaded from spring sunshine which might bring them prematurely into growth. In shallow soil, a mulch which will protect them from the wash and spatter of March rains is advisable. They may be planted alongside other perennials, if one considers that their foliage must be left to turn yellow after they bloom, and places them where they will not intertere with treasured small plants which blossom soon after them.

First of the bulbous flowers to blossom in the rock garden are the white snowdrops and blue chionodoxas. They appear during the first warm spells of spring, sometimes weeks before other flowers. They are priced and their varieties described on Pages 18 and 19 of this catalog.

Scillas are excellent for rock gardens, with their vivid blue flowers and perfect hardiness, and tendency to multiply. Scilla Sibirica, and the species Nutans alba, both described on Page 19, are the types most suitable for rockeries.

Crocuses in small groups give vivid color in the early spring. Groups of yellow contrasting with masses of blue provide a pleasing color effect. On Page 18 will be found a selection of named varieties.

At about this time also appear the golden blossoms of the winter aconite (Eranthis Hyemalis) resting on cushions of their green leaves. It prefers a moist spot, perhaps near the rockery pool. See Page 18.

When narcissi are blossoming in the border, species tulips will come into flower. These native forms differ from the cultivated tulip in their habit of growth, and height, but have flowers as large and colors even more brilliant.

Some have quaint form, such as Cornuta stenopetala, whose twisted petals are illustrated on Page 14. The earliest of all is Kaufmanniana, a creamy flower with carmine edging. Greigi Aurea, brilliant orange scarlet, has interesting spotted leaves. A list of the species tulips is given on Page 14, and we do not know any of this race that will attract more interest and admiration in the spring garden. Give them a place in the sun, rather dry and hot.

The spring snowflake, (Leucojum Vernum, Page 19) is a good rock garden subject. The checkered lily (Fritillaria Meleagris, Page 18) with its quaintly colored, checkered bell flowers, is curious and interesting. The dog's tooth violets, (Erythronium) sometimes called trout lilies, are much at home in soil pockets rich in leaf mould, in shady locations. (Page 18).

Muscari or grape hyacinths, blossoming in May, are effective with their blue spikes; they increase freely. (Page 19).

Bulbs for Rock Gardens

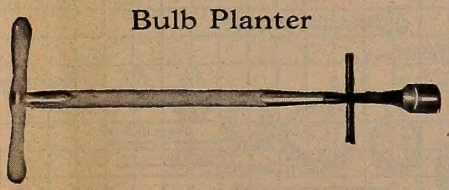
We offer special values in collections of bulbs for rock gardens, including the varieties described on this page.

$2.00 We will send bulbs of the finest quality of the following: 6 Snowdrops, 6 Chionodoxas, 6 Scilla Siberica (Blue Bells), 6 Crocus, 6 Species Tulips, 6 Fritillaria Meleagris, 6 Erythronium (Dog Tooth Violets), 6 Muscari (Grape Hyacinths)—48 bulbs in all, for $2.00, postpaid.

$3.50 We will send bulbs of the finest quality of the following: 12 Snowdrops, 12 Chionodoxas, 12 Scilla Siberica, 12 Crocus, 18 Species Tulips, 6 Fritillaria Meleagris, 6 Erythronium (Dog Tooth Violets), 18 Grape Hyacinths, 6 Leucojum Vernum—102 bulbs in all, prepaid for $3.50.

$7.00 We will send bulbs of the finest quality of the following: 25 Snowdrops, 25 Scilla Siberica, 25 Chionodoxas, 25 Crocus, 36 Species Tulips, 12 Fritillaria Meleagris, 50 Grape Hyacinths, 24 Jonquils (true), 3 Iris Reticulata—225 bulbs in all, for $7.00, prepaid.

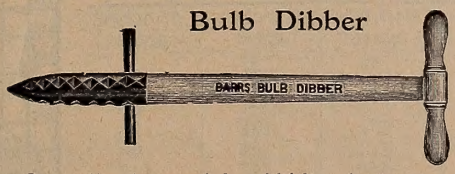
Bulb Planter



Specially designed for planting daffodils and other bulbs in grass. This tool cuts and lifts a clean circular piece of turf.

Each (in Chicago), **$9.50**; (in N. Y.) **$9.00**.

Bulb Dibber

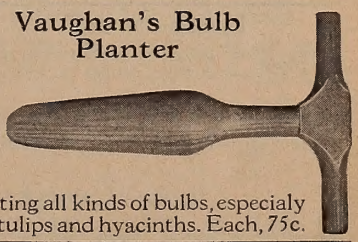


Specially designed for dibbling bulbs into borders, etc., steel shod, with strong iron thread and cross wooden handle; a good, strong, heavy tool, weight, about 6¾ lbs., length 36 inches over all. This tool will save its cost. Each (in Chicago), **$8.00**; (in N. Y.) **$7.50**.

Vaughan's Bulb Planter

A New, Handy Tool

1/5 Actual Size



For planting all kinds of bulbs, especialy gladiolus, tulips and hyacinths. Each, 75c.

Dibber

For planting bulbs and plants. Steel point. Weight, 10 oz. Each, **90c.**

Brilliant Beds of Spring Bulbs Again in Fashion

Used as Garden Accents

THE fashion for flower beds has returned; but as usual there is a difference. Instead of dotting the front lawn or being placed in conspicuous spots near the house, the modern manner is to use beds of brilliant color as focal points in the garden picture.

In every garden there is some location in which a mass of glowing color, beginning in April and continuing through the season until frost arrives, will add stimulating interest to the scene. To produce this effect in the early garden, tulips and hyacinths are ideal. In such a bed, they can be followed with the bedding plants familiar to our mothers, or with the improved annuals of which there is a rich selection.

Color is the keynote of success in the new fashion. To serve its purpose, the focal bed must glow. Do not hesitate to use red and yellow for the spring effect; or any other combination which will symbolize for you the awakening of growth.

We list on this page special bedding combinations of tulips and hyacinths, together with information which will enable you to order bulbs for plantings of special sizes to fit your own design.

Hyacinths

Bulbs Should Be Planted 6 Inches Apart

No. 1. Square Bed, 6 feet across, 200 Bulbs in 3 choice colors.
First Size, Named.....$22.00
Second Size, Named... 16.00
Third Size, Named.... 12.00

No. 2. Oblong Bed, 6 ft. x 3 ft. 60 Bulbs in 2 choice colors.
First Size, Named.....$6.75
Second Size, Named.... 5.00
Third Size, Named..... 3.75

No. 3. Round Bed. 5 ft. diameter. 100 Bulbs in 4 choice colors.
First Size, Named.....$11.50
Second Size, Named..... 8.50
Third Size, Named..... 6.50

Tulips

Round Beds, 6 Feet in Diameter. Bulbs Planted 6 Inches Apart

SINGLE TULIPS

No. 1. 83 Belle Alliance (scarlet), center edge with 44 Yellow Prince... **$6.25**

SINGLE TULIPS

No. 2. 83 Diana (white), center edge with 44 Belle Alliance (scarlet).. **$5.75**

SINGLE TULIPS

No. 3. 20 Diana (white) center. 45 Prince of Austria (orange red) two inner rows. 65 Yellow Prince, outer rows..... **$7.00**

SINGLE TULIPS

No. 4. Planted in four wedges: 32 Rising Sun (yellow); 32 Rose Gris de Lin (rose); 32 La Reine Maxima (white); 32 Cramoise Brilliant (scarlet)..... **$6.00**

SINGLE TULIPS

No. 5. 130 Keizerskroon (red and gold) and 75 Mammoth Yellow Crocus, these to be planted between the Tulips. The Crocus will have flowered and gone before the Tulips begin, thus giving a succession of bloom from time snow is off the ground until latter part of April. **$9.00**

DOUBLE TULIPS

No. 6. 83 Boule de Niege (white) cluster and inner rows; 44 Vuurbaak (scarlet) outer rows..... **$6.25**

DOUBLE TULIPS

No. 7. 83 Imperator Rubrorum (scarlet) center and inner rows; 44 Mr. Van der Hoff (yellow) outer rows **$6.25**

COTTAGE TULIPS

No. 8. 83 La Merveille, center row; 44 Inglescombe Yellow, outside rows **$5.25**

DARWIN TULIPS

No. 9. 83 Pride of Haarlem; 44 Clara Butt **$5.00**

DARWIN TULIPS

No. 10. 83 Faust (dark purple) center rows; 44 Avalon (white) outside. **$7.50**

DARWIN TULIPS

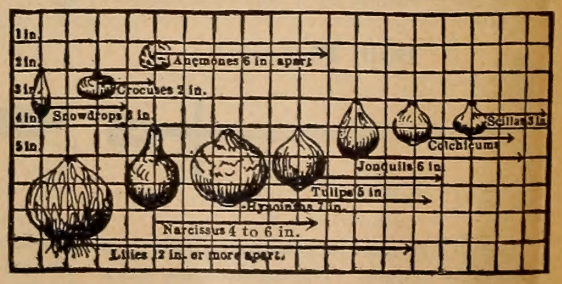
No. 11. 83 Melicette (lavender) center rows; 44 Mad. Krelage (pink) outside rows..... **$7.50**

Depths at Which Bulbs Should Be Planted

Many of our customers are frequently puzzled to know the proper depth and distance apart at which bulbs should be planted. The accompanying diagram, conveys the information much more clearly and briefly than we could describe it. The chart will bear careful study. **Outdoor planting should be done early** in the fall to secure healthy plants, vigorous foliage and beautiful flowers.

Number of Bulbs Required for Planting Circular Beds

Diameter of Bed	3 inches apart	4 inches apart	6 inches apart	8 inches apart
3 Feet	127	95	37	...
4 "	217	127	61	37
5 "	331	225	91	69
6 "	469	271	127	78
7 "	631	410	169	96
8 "	817	469	217	127
9 "	1027	650	271	156
10 "	1261	721	331	190
11 "	1519	940	397	240
12 "	1801	1027	469	271



HOW DEEP TO PLANT BULBS

For Shipment by Express, at Purchaser's Expense

Sow Lawn Seed In Autumn for Best Results

Prices for Quality Seed are Much Reduced

AUTUMN is the most favorable time to make new lawns and repair old ones. The sturdy growth of seedling plants is favored by the cool nights and usually plentiful supply of moisture. As the days grow shorter and the weather cooler, the growth of the plants changes, with more root growth and less top growth and a general thickening and strengthening of the plant. The earlier seed is sown after mid-August, the longer young plants will have in which to establish themselves before winter comes.

The greatest foe of fine lawns is timothy, a coarse hay, which is extensively used as an adulterant in lawn mixtures. Its seed, a farm commodity, is much cheaper than lawn grasses; and germinates more quickly. But its coarse stems rob fine grasses of needed food and inevitably ruin a lawn. Vaughan's lawn mixtures contain no timothy, but are composed of permanent, fine lawn grasses, blended according to formulas which have been proved best for their purposes.

See that the seed is well covered. Rake it into a new seed bed and roll so that soil is firmed over the seed bed. Where seed is sown on an old lawn, always top dress it.

Vaughan's "Parks" Lawn Seed
The Standard Lawn Formula

This blend is composed of heavy, recleaned seed, blended according to the formula proved in our 55 years' experience to be the best for permanent lawns under American conditions and recommended by the Department of Agriculture. Recleaned Kentucky blue grass and red top form the bulk of this blend, to which is added white clover in the correct proportion. Our blend produces a lawn that will endure. Price. ½ lb., 25c; 1 lb., 40c; 2 lbs., 80c; 3 lbs., $1.15; 5 lbs., $1.90; 10 lbs., $3.70; 15 lbs., $5.50; 20 lbs., $7.20; 25 lbs., $8.75; 50 lbs., $16.25; 100 lbs., $30.00.

Vaughan's "Columbian"

For Shady Lawns or Sandy Soil

When making a lawn on sandy soil or in light shade, conditions are met with which require the use of a special grass seed blend. Vaughan's "Columbian" is the correct blend for such locations.

½ lb., 25c; 1 lb., 40c; 2 lbs., 80c; 3 lbs., $1.15; 5 lbs., $1.90; 10 lbs., $3.70; 15 lbs., $5.50; 20 lbs., $7.20; 25 lbs., $8.75; 50 lbs., $16.25; 100 lbs., $30.00.

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Price, ½ lb., 30c; 1 lb., 50c; 2 lbs., $1.00; 3 lbs., $1.45; 5 lbs., $2.40; 10 lbs., $4.70; 15 lbs., $7.00; 20 lbs., $9.20; 25 lbs. $11.25; 50 lbs., $21.25; 100 lbs., $40.00.

Vaughan's No. 25 Lawn Formula

An economy blend for new seedings and quick results which should be followed by reseeding with a more permanent blend like our "Parks." In spite of its low price this blend does not contain timothy. Sow this blend at rate of 1 lb., to every 200 sq. ft. Cut regularly to keep turf fine. Price, 1 lb., 25c; 2 lbs., 45c; 3 lbs., 65c; 5 lbs., $1.00; 10 lbs., $2.00; 15 lbs., $2.95; 20 lbs., $3.90; 25 lbs., $4.75; 50 lbs., $9.00; 100 lbs., $16.00.

Vaughan's No. 40 Lawn Formula

Intermediate Grade

Price, lb., 35c; 2 lbs., 70c; 3 lbs., $1.00; 5 lbs., $1.65; 10 lbs., $3.20; 15 lbs., $4.75; 20 lbs., $6.20; 25 lbs., $7.50; 50 lbs., $13.75; 100 lbs., $25.00.

White Clover

Extra fancy seed. Price, ¼ lb., 25c; ½ lb., 35c; 1 lb., 60c; 2 lbs., $1.20; 3 lbs., $1.75; 5 lbs., $2.90; 10 lbs., $5.70; 15 lbs., $8.50; 20 lbs., $11.20; 25 lbs., $13.75; 50 lbs., $26.25; 100 lbs., $50.00, prepaid to 300 miles.

Vaughan's Special Grass Formula "Private Estate"

This contains a large proportion of the more expensive grases, like the Bent Grasses, Chewing's Fescue, etc., also extra heavy Kentucky Blue Grass.

Price, lb., 55c; 2 lbs., $1.10; 3 lbs., $1.60; 5 lbs., $2.65; 10 lbs., $5.20; 15 lbs., $7.75; 20 lbs., $10.20; 25 lbs., $12.50; 50 lbs., $23.75; 100 lbs., $45.00.

Seed of the Bent Grasses

For lawns the Bent grass seed is preferred to the creeping Bent stolons because these types of Bent do not grow so rapidly and the average home owner can keep up with the mowing. Seed at the rate of 3 to 4 lbs. per 1000 sq. ft.

EUROPEAN MIXED BENT (so-called "Creeping Bent") is a natural mixture of Bents including true Creeping Bent, Velvet Bent, and a large percentage of Colonial Bent. ¼ lb., 35c; ½ lb., 65c; 1 lb., $1.25; 2 lbs., $2.50; 3 lbs., $370; 5 lbs., $6.10; 10 lbs., $12.00; 15 lbs., $17.80; 20 lbs., $23.40; 25 lbs., $28.75.

ASTORIA BENT. This grass has creeping roots and makes a splendid lawn and golf grass. ¼ lb., 35c; ½ lb., 60c; 1 lb., $1.10; 2 lbs., $2.20; 3 lbs., $3.25; 5 lbs., $5.35; 10 lbs., $10.50; 15 lbs., $15.50; 20 lbs., $20.50; 25 lbs., $25.00.

COLONIAL BENT GRASS makes a fine close turf of excellent color and adapts itself readily to any soils. ¼ lb., 40c; ½ lb., 75c; 1 lb., $1.40; 2 lbs., $2.80; 3 lbs., $4.15; 5 lbs., $6.85; 10 lbs., $13.50; 15 lbs., $20.00; 20 lbs., $26.40; 25 lbs., $32.50.

Cocoos Bent

We offer genuine Cocoos Bent seed. This is a true unmixed creeping bent grass seed. One top-dressing a year will keep it in good condition.

¼ lb., 60c; ½ lb., $1.10; 1 lb., $2.10; 2 lbs., $4.20; 3 lbs., $6.25; 5 lbs. $10.25; 10 lbs., $20.00; 15 lbs., $29.80; 20 lbs., $39.40; 25 lbs., $48.75.

Creeping Bent Stolons

They produce a fine lawn in one season, but must have extra care, several top dressings a year and frequent mowing. For $18.00 we will send you enough runners and roots of the grass to plant 1,000 square feet. 500 sq. ft. for $10.00; 250 sq. ft. for $5.75. Express charges from growing station are extra. If large; quantities are desired ask for a special quotation. We furnish complete directions. A leaflet about Creeping Bent Stolons will be sent upon request. It is best to plant stolons from middle of August to middle of September for fall planting.

Fancy Kentucky Blue Grass (Poa pratensis)

EXTRA FANCY SUN CURED SEED—Specially recleaned; 23 lbs. per bushel. ½ lb., 25c; 1 lb., 40c; 2 lbs., 75c; 3 lbs., $1.05; 5 lbs., $1.65; 10 lbs., $3.15; 15 lbs., $4.65; 20 lbs., $6.10, 25 lbs., $7.50; 50 lbs., $13.75; 100 lbs., $25.00, prepaid to 300 miles.

Fancy Seed, actual weight, 21 lbs. per bu. (Standard grade recleaned blue grass.) ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 3 lbs., 90c; 5 lbs., $1.40; 10 lbs., $2.65; 15 lbs., $3.90; 20 lbs., $5.10; 25 lbs., $6.25; 50 lbs., $11.25; 100 lbs., $20.00, prepaid to 300 miles.

Red Top Grass (Agrostis alba)

Extra Fancy recleaned solid seed (32 lbs. per bu.): 1 lb., 30c; 2 lbs., 55c; 3 lbs., 80c; 5 lbs., $1.25; 10 lbs., $2.35; 15 lbs., $3.35; 20 lbs., $4.25; 25 lbs., $5.00; 50 lbs.; $9.50; 100 lbs., $18.00, prepaid to 300 miles.

On orders under $2.00 or beyond prepaid zone, add 5c per lb. for postage. Lawn Seed orders of $2.00 or more are prepaid to within 300 miles of Chicago or New York. On Parcels Post C. O. D. orders there is an extra charge for C. O. D. delivery.

Flowers You Can Grow Indoors

Lilies of the Valley

THESE beautiful, fragrant flowers may be brought to flower in 18 to 21 days, if pips from cold storage are used. They are easily forced in a bowl, if planted in sphagnum moss and kept well watered. Their dainty fragrance is preferred by many to the large Paper White Narcissi, and they are much quicker to flower. Do not order more than you intend to use at once as the cold storage pips will not keep. Plant about 25 pips in a 7-inch bowl, place in a warm temperature, 65 degrees Fahrenheit and shade from light until leaves and spikes are well developed, then admit light gradually. Increase temperature to 75 degrees or 80 degrees if possible. An inverted pot over each bowl answers admirably to shade them. They may be forced in soil the same way, in a 7-inch pot or pan. This is the treatment for cold storage pips only.

COLD STORAGE PIPS, ready November 1. 25 for **$2.00**; 100 for **$6.00**, postpaid.

SPHAGNUM MOSS, sufficient for 25 pips, **10c**, postpaid.

Lilies on Your Table All Winter

One month covers the time from planting cold storage lily of the valley pips, through flowering, and fading. To keep your bowl filled through the winter we have arranged to book orders for divided shipments, a month apart. Cold storage pips must be planted promptly on receipt. We will send the first shipment at any date you wish (Nov. 25 will giveyou Christmas flowers) and will duplicate the shipment every 30 days thereafter, as long as you wish (until April 1). Minimum shipment is 25 pips, for **$2.00**, prepaid to 300 miles. For two months' supply (25 each 30 days), send **$4.00**; 3 months, **$6.00**; 4 months, **$8.00**; 5 months, **$10.00**.

The Yellow Paper White
(Grand Soleil D'Or)

A larger, stronger scented form of the Paper White Narcissus colored a beautiful golden yellow with a darker cup.

Mammoth bulbs. Each, **15c**; per three, **40c**; dozen, **$1.50**; 100, **$10.00**.

Paper White Narcissi to Grow in Pebbles and Water

THESE have been favorites for ages as a decoration for the living room during the coldest winter months when flowers are scarce. Their culture is simple, and with good strong bulbs such as we supply, flowering is sure. Plant bulbs in shallow bowls filled with pebbles, or fibre, and water. Keep in the dark until roots form (about 2 weeks) then bring into light. A day temperature of not over 70° is best. Three bulbs for **25c**.

Fancy selected bulbs (13 ctm.). Three bulbs for **15c**; doz., **50c**; 100, **$3.00**; 1,000, **$25.00**.

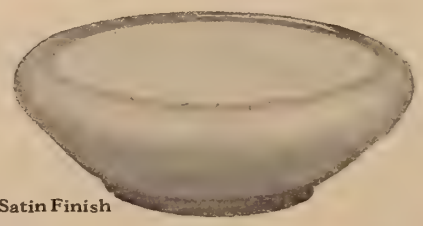
Mammoth bulbs (14 ctm.) Three bulbs for **20c**; dozen, **60c**; 100, **$4.00**; 1,000, **$35.00**.

Jumbo bulbs (15 ctm.). Three bulbs for **25c**; dozen, **75c**; 100, **$5.00**; 1,000, **$45.00**.

Chinese Sacred Lily (Narcissus)

THIS narcissus is called by the Chinese the "Joss Flower" or "Flower of the Gods," and "Water Fairy Flower." It is highly prized for the abundance of its flowers and its marvelously rapid growth. The flowers are white, with yellow cup, and very fragrant; they are mostly single, but a few doubles are sometimes found amongst them. Each bulb produces several flower-spikes, bearing many flowers. In China and Japan the bulbs are grown in the living rooms in fancy bowls filled simply with pebbles and water. The bulb in this country can be grown as successfully as in China, and it is most interesting to watch its rapid growth, which is about twenty inches in forty days; place in a sunny window by day and on a table near the center of the room by night, as frost destroys the flower buds. Care should be taken that it is not placed in a draft, as this may cause non-flowering. Recommended for Christmas flowering.

Mammoth Bulbs. Each, **10c**; per three, **25c**; per dozen, **$1.00**: 100, **$7.00**.



Satin Finish

Bowls for Bulb Growing

THESE bowls are specially shaped for bulbs and equally attractive for flowers, made of the best grade of flint glass, in a rich, beautiful satin finish, in the following colors: Nile Green, Light Blue, Rich Deep Amber, and Black.

5½-inch, weight, 2 lbs., each, **50c**; 6½-inch, weight, 3 lbs., each, **65c**; 9-inch, weight 4 lbs., each, **85c**.

F. L. Style Bowls

A pottery bowl with a matt green, blue and jet black glaze finish. Prices: 5-inch (wt. 2 lbs.), **35c**; 6-inch (wt. 3 lbs.), **45c**; 8-inch (wt. 4 lbs.), **75c**.

For parcel post delivery add postage at zone rates.

Marble Finish Bowls. 5-inch, stands on three short legs. Each, **50c**; 7-inch, same shape as satin finish, each, **85c**.

Amaryllis

OF ALL bulbs which the amateur can grow successfully indoors, the Amaryllis is at once the largest, most beautiful, surest to flower and most easily handled. Our new hybrids, especially, are so gorgeous in size and coloring as to amaze those not familiar with them. From a single stem, spring from one to three lily-like flowers, six to eight inches in diameter.

Place only one bulb in each pot, covering it as far as the neck or upper narrow part. Water sparingly at first until the flower shoots begin to appear. Some growers keep them in the dark until the flower stems are four or five inches long, and then bring to light.

After flowering they should be placed in a warm window, or set outside in sand or cinders and watered every day (sometimes twice a day), until the end of August when water should be gradually withheld and the bulbs allowed to go to rest. In the fall they can be forced again as with new bulbs.

EQUESTRE. Orange-scarlet. Each, **20c**; doz., **$2.00**; 100, **$15.00**.

VAUGHAN'S NEW HYBRIDS. One of the finest strains of Amaryllis we have yet seen, raised by an eminent grower whose entire stock we have purchased. Flowers are immense, in an amazing range of colors, blended, splashed and striped in a manner not seen in other strains. Each, **55c**; doz., **$5.50**; 100, **$40.00**.

JOHNSONII. Has immense trumpet-shaped flowers, which measure 6 to 8 inches across, are borne on strong fleshy spikes, and are rich, deep velvety crimson, each petal having a broad white stripe contrasting beautifully with the deep red color. Each, **40c**; doz., **$4.00**; 100, **$30.00**.

Oxalis

For Indoor Planting Only

Most of these Oxalis flower from October until Christmas, and later. Easily grown, requiring only a good, somewhat peaty soil.

Grand Duchess. Lavender, pink and white. Doz., **55c**; 100, **$3.50**; 1,000, **$30.00**.

Bermuda Buttercup. Doz., **55c**; 100, **$3.50**; 1,000, **$30.00**.

Hirta. Deep pink, very fine for hanging baskets. Doz., **60c**; 100, **$4.00**; 1,000, **$35.00**.

In Living Room or Sun Parlor

Gift for Your Gardening Friend

Nothing will so delight the garden lover as a gift of something for the garden. You may not know just what your friend most desires—whether a lily bulb of some prized variety, tulips of just the right color to fill a certain place, or an implement which will make her work in the garden easier. You may place the coveted treasure within her grasp by sending her a gift certificate from Vaughan's Seed Store, which can be exchanged for anything listed in our catalogs, which illustrate, describe and price everything a gardener needs or desires.

Hyacinths in Pots

For Winter Blooming

A LIGHT, rich soil produces the best flowers. Place each bulb one inch deep, an inch and one-half from each other bulb or edge of pot. Water well, and set away in a dark, cool cellar, or an outdoor pit which is well drained. If outside, cover with three or four inches of sand or ashes. Let them remain there for eight or ten weeks to root, then bring them into a warm room, but keep them in the dark (cover the pot with a paper bag, cloth, etc.). Then when the flower spike is three or four inches out of the bulb, they may be exposed to the light, and will open beautifully. The larger bulbs are best for indoor growing, the largest bulbs throwing the most magnificent flower spikes. French-Roman Hyacinths are excellent for growing in pots, flowering earlier than the others.

Hyacinths in Glasses

Fill the glass with clear, soft water, so as to nearly touch the base of the bulb, putting a small piece of charcoal in each glass to keep the water pure and sweet. The filled glass should be placed in a dry, cool, dark place, and kept there until the roots almost touch the bottom of the glass, when they may be given more heat, and gradually exposed to the light. Water must never be changed, but only be replenished. Large bulbs are best for this purpose.

Hyacinths in Gardens

Hyacinths are returning to popularity for both formal beds and border plantings. They provide much needed blues. Plant in any good, well drained soil. The beds should be raised several inches above the surrounding ground to prevent lodgments of water which causes bulbs to rot Bulbs should be set six inches apart and six inches deep. The smaller bulbs produce good results when planted outdoors.

Numbers following name of variety indicate time of flowering, each number following in time of flowering.

Red and Rose

Gertrude—3. Rose-Pink, one of the best pot varieties.
La Victoria—3. Brilliant red.
Marconi—3. Bright pink, very good.
Queen of Pinks—2. Rose-pink, choice.

White

La Grandesse—3. Pure white, large bells, splendid spike, best for outdoor planting.
L'Innocence—2. Pure white, best for growing in pots indoors.

Yellow

City of Haarlem—3. Golden yellow.
Yellow Hammer—3. Lemon yellow.

Blue

Dr. Lieber. Dark blue, darker than Grand Maitre. lighter than King of Blues.
Grand Maitre—2. Dark porcelain blue.
King of Blues—4. Very dark blue.
Queen of Blues—4. Very light blue.

	Doz.	100	1,000
Mammoth Bulbs. (19Ctm.)	$2.00	$15.00	$120.00
First Size (18-19 Ctm.)....	1.60	11.50	100.00
Second Size (17-18 Ctm.)..	1.30	8.50	80.00
Third Size. (16-17 Ctm.)...	1.00	6.50	60.00
Bedding Size(15-16 Ctm.).	.90	6.00	55.00
Dutch Romans (13-14 Ctm.)	.75	5.00	45.00

Above prices are for your selection of named varieties.

French-Roman Hyacinths

The white variety, if planted early in September and slowly forced, will bloom in December. The others require from two to three weeks longer. They will flower in three months.

White, select size, per doz. **$1.50**; per 100, **$10.00.**
Light Pink, per doz., **$1.00**; per 100, **$7.00.**
Dark Pink, per doz., **$1.00**; per 100, **$7.00.**
Blue, per doz., **$1.00**; per 100, **$7.00.**

Vaughan's Rainbow Collections

Single Named Hyacinths first size for Window Garden

Queen of Pinks, Pink **Grand Maitre**, Lt. Blue. **La Victoira**, Red. **L'Innocence**, White.
King of the Blues, Dark Blue.
City of Haarlem, Yellow.

PREPAID PRICES—	Postpaid
A— 6 Bulbs, one of each variety ...	$ 0.85
B—12 Bulbs, two of each variety ...	1.60
C—24 Bulbs, four of each variety...	3.00
D—36 Bulbs, six of each variety	4.00

ORNITHOGALUM AUREUM

	Each	Doz.
Belgian. Tall.....	$0.40	$4.00
Tye Shape.....	.40	4.00

Freesias Forced in Flower Pot

Vaughan's Giant Freesias

They should be potted in September and stood outside until the approach of frost, then taken inside to the conservatory or a sunny, airy window, where they will flower freely from January onwards.

VAUGHAN'S PURITY. Flowers are a magnificent snowy white, of very large size and great fragrance. **Mammoth Size** (⅝ to ¾ in.). Doz., **45c**; 100, $3.00; 1,000, **$22.50.**

Jumbo Size (¾ in. and up). Doz., **55c**; 100, $3.50; 1,000, **$30.00.**

Rainbow Mixture. Doz., **50c**; 100, **$3.00**; 1,000, **$25.00.**

Elder's Giant White. The finest white variety, beautiful pure white flowers double the size of Purity. Price, **15c** each; **$1.50** per doz.; **$12.00** per 100.

Fischer's Splendens. A beautiful lavender flower produced on long stiff stems. Price, **75c** per doz.; **$5.00** per 100.

Golden Daffodil. A great improvement over any other yellow sort, the color is rich daffodil yellow. The large flowers are borne on long rigid stems. Price, **15c** each; **$1.50** per doz.; **$12.00** per 100.

Ornithogalum Aureum

OF a rich apricot orange, this is perhaps the finest of ornithogalums. The flower stems are usually over a foot, with most of the upper half covered with flowers. Its ease of culture, and the lasting qualities of the flowers make it an ideal cut flower. During the winter, quantities of these flowers are gathered wild around Cape Town, South Africa, and shipped dry to England, always arriving in excellent condition. A pot of this plant was exhibited at San Francisco, where it received the gold medal and remained on exhibition five days. Then it was taken to a photographer, with whom it remained for four days. Then it was taken to the monthly meeting of the Peninsular Gardens Association, where it received a certificate of merit, and a week later it was shown at the Hillsborough Garden Club Flower Show on May 5th. Eight days later it was still in good condition.

Price, per dozen, **$5.00**; per 100, **$50.00.**

Ornithogalum Thrysoides

(For indoor culture only)

Grows three feet tall with a cluster of flowers 100 to 150 in number, each flower about ½ inch in diameter, pure white in color. Has excellent keeping qualities.

Doz., **$1.00**; 100, **$7.00**; 1,000, **$65.00.**

Darwin Tulips

DARWIN TULIPS are beautifully outlined, cup-shaped and carried on tall, stiff stems. They vary in color from almost jet black, crimson and scarlet, purple to lilac, mauve, pink and indescribable intermediate blending and pastel shades. Yellow is the one color missing, but this can be supplied from the Cottage varieties listed on following pages and from the richly blended Breeders, varieties may be chosen which will increase the effectiveness of a planting of the pastel tints so prevalent among the Darwins.

Planting. Plant four or five inches deep and six inches apart in raised beds or borders so that the bulbs are slightly above the level of adjacent lawn or walks. In preparing the ground, use Vaughan's Rosegrower Bone Meal (three handfuls to a square yard), thoroughly mixed through the soil.

Parcel Post. If you wish bulbs sent by parcel post, add to our prices, postage at zone rates from Chicago or New York (see order blank), counting twelve bulbs as one pound, fifty as four pounds.

Shades of Red

Ariadne (28 in.) Brilliant rosy crimson, shaded scarlet with blue base, large flower of great substance. One of the finest. Good forcer. Per doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Bartigon (22 in.) Large flowers of fiery crimson with bright scarlet margin. One of the best of its color. Per doz., **60c**; 100, **$4.25**; 1,000, **$38.00.** **(Illustrated on Back Cover.)**

City of Haarlem (27 in.) Here is a tulip we can recommend without hesitation. It can always be depended upon to make an excellent show, with its immense cups of cardinal red, shading to scarlet at edges of petals The large, blue base circled with pure white enhances the beauty of this splendid variety. Per doz., **75c**; 100, **$5.25**; 1,000, **$47.50.** **(Illustrated on Front Cover.)**

Chant Du Cygne (26 in.) A tremendous flower of fiery scarlet shaded soft rose, with large blue base. An excellent exhibition variety of fine substance. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Duke of Portland A large flower of fine form, rich, brilliant scarlet in color, with a blue base starred with white. Doz., **95c**; 100, **$6.50**; 1,000, **$62.50.**

Eclipse Rich, glowing dark red, with a blue base circled by white. A giant tulip of good form on a tall, strong stem, which does not easily snap in stormy weather, making it very good for garden and exhibition purposes. Really a royal tulip, which we highly recommend. Height, 27 inches. Each, **25c**; Doz., **$2.50**; 100, **$18.00.**

Europe (22 in.) Glowing salmon scarlet, shaded rose; well formed globular flower, erect grower and lasts well. Per doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Farncombe Sanders (25 in.) Fiery rose scarlet, inside vivid cerise-scarlet with white center marked blue; flowers perfect shape. Per doz., **60c**; 100, **$4.25**; 1,000, **$38.00.**

Feu Brilliant (25 in.) **(Brilliant Fire).** Glowing red, shading to brilliant scarlet near edges of petals. Large dark blue base with white halo. Really a nice tulip. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Gloria Swanson An enormous crimson-red flower, with a bluish base. We do not believe that a larger and stronger tulip in this color has ever been raised. Very strong stem. flower has great lasting qualities. This is really a giant and an excellent early forcing variety. Each, **50c**; per doz., **$5.00.**

King Harold (24 in.) Very deep crimson, with large blue base. Large, square petaled variety that possesses unusual charm. Per doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Pride of Haarlem Vivid rose. An old standby that is deserving of a place in the best of gardens. Unsurpassable for fine color, reliable performance and enormous flower. Height 28 in. Doz., **60c**; 100, **$4.25**; 1,000, **$38.00.**

Prince of Wales Bright cherry-red with a white base finely striped blue. Enormous flower on a tall, stiff stem. Height, 28 inches. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Wheaton Collection
DARWIN TULIPS

Ten each of the following representative varieties of Darwin Tulips (100 first size bulbs) will be sent postpaid for..... **$4.50**

10 Afterglow, salmon orange
10 Ariadne, crimson
10 Bleu Aimable, violet
10 Farncombe Sanders, scarlet
10 Dream, lavender
10 Cherry Blossom, cherry-pink
10 Faust, blue purple
10 Centenaire, violet-rose
10 Princess Elizabeth, rose
10 Mme. Krelage, pink

This collection of 100 bulbs of the wonderfully blended Darwin varieties will provide your garden with a display of which you may well be proud.

Prince of the Netherlands Glowing cerise, flushed salmon-rose, with a small, light blue base. Extra large flower of striking color and great substance, borne on a tall stem. Height, 30 inches. Doz., **75c.** 100, **$5.00**; 1,000, **$45.00.**

Prof. Rawenhoff Gorgeous deep rose red. Very attractive, and a good tulip to plant, as it always does well, even under difficult conditions. Height 28 in. Doz., **60c**; 100, **$4.25**; 1,000, **$38.00.**

Queen Mary Lovely shade of cerise-scarlet, edged deep pink, with bright blue base. A large flower of a very clear color. Height, 28 inches. Doz., **80c**; 100, **$5.50**; 1,000, **$52.50.**

Scarlet Beauty Beautiful fiery scarlet, one of the best Darwin Tulips for outside planting, possessing a straight, strong stem, and a flower that lasts a long time and keeps its color well. Doz., **75c**; 100, **$5.00**; 1000, **$45.00.**

Tokay Resembles in color the wine of this name. Tremendous flower on a stiff and tall stem. The largest tulip in this color. per doz., **$1.25**; 100, **$8.00**; 1,000, **$75.00.**

Whistler (25 in.) Vivid maroon-crimson with a blue base and white halo. This variety has the characteristic of producing more than one stem to a bulb, each stem having two or more flowers. On one occasion five blooms were observed from one bulb. This, of course, does not always occur, but it has been observed so often in this variety we call it a characteristic and not a freak growth as is sometimes seen in other tulips. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Wm. Pitt (24 in.) Velvety crimson flower of beautiful form. Reliable garden variety. Distinct color and a magnificent tulip. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

See Cottage Tulip "Miss Blanche" for low-priced, pure white Tulip of Darwin shape.

Darwin Tulips Carpeted with Phlox Subulata

Pink and Rose Shades

Afterglow All the splendor of a glorious sunset seems to be reproduced in this wonderful tulip with its deep orange tints suffused with salmon, and edged apricot orange. Tall, stately grower, and a very popular variety. Height 26 inches. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.** **(Illustrated on Inside Back Cover.)**

Aphrodite (30 in). Clear silvery pink, deeper within, large oval-shaped flower on tall, strong stem. A most beautiful tulip. Doz., **95c**; 100, **$6.50**; 1,000, **$60.00.**

Baronne De La Tonnaye (26 in.) Bright rose, margined blush-rose; long, large flower, beautifully shaped. Per doz., **60c**; 100, **$4.25**; 1,000, **$38.00.**

Centenaire (30 in.) Rich violet-rose with large blue center, immense flower of perfect shape, splendid forcer. Per doz., **60c**; 100, **$4.25**; 1,000, **$38.00.**

Cherry Blossom A sport of the magnificent Pride of Haarlem, probably the most popular tulip in existence. This offspring, besides having its own good qualities, possesses all of its parents, and tends to bid for some of Pride of Haarlem's popularity. The color is a beautiful, bright cherry-pink, delicately edged white with a bluish white base. Per doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Clara Butt Newer and superior tulips may be found, but Clara Butt remains a prime favorite of tulip lovers. This lovely, pure pink tulip possesses an entirely individual charm that makes it one of the best pink Darwin tulips. Height, 20 inches. Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

King George V An immense flower of brilliant rose with a light blue base. The color is dazzling in its brilliance, and this is without doubt one of the finest and most beautifully formed Darwins, quite worthy to bear a royal name. Height, 28 inches. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00.**

La Fiancee Deep rose, shading to old-rose and delicate pink at the edges, with blue base. A splendid variety of large size and very effective when planted with mauve and dark lavender sorts. Height, 30 inches. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Le Notre (27 in.) Beautiful rose shaded blush, extra early variety, very fine for indoor growing. Per doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Matchless (Roi d'Islande.) Soft old-rose, with a narrow white border; inside soft violet-rose with a blue base. A very beautiful soft color and one that forces splendidly. Height, 26 inches. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Massachusetts (25 in.) Deep rose-banded petals with very distinct pale rose edges. Long oval blooms on strong, erect stems. Blossoms early and cut blossoms last well. Per doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Mme. Krelage (27 in.) Very similar to Massachusetts, but the central pink band is a shade lighter and blends into the pale border. Earlier than Massachusetts and tones off into lighter shades all over. Per doz., **60c**; 100, **$4.25**; 1,000, **$38.00.** **(Illustrated on Back Cover.)**

Petrus Hondius Large, wide open flower of American Beauty rose shade. Height, 25 inches. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Princess Elizabeth (Syn. Julie Vinot.) (26 in.) Large flower; soft rich rose toning to silvery rose at edges. Inside deep rose, white base. Highly recommended. Per doz., **60c**; 100, **$4.25**; 1,000, **$38.00.**

Queen of Hearts (Formerly Apple Blossom) A beautiful soft rose sport of the old standby Farncombe Sanders, with steel blue anthers and pure white base. The flower is enormous with a rich texture, the stem is tall and straight, yet graceful, making this tulip a perfect exemplification of the progress being made in perfecting the tulip. We highly recommend this gorgeous tulip. Height, 28 inches. Each, **25c**; doz., **$2.50**; 100, **$18.00.**

Sieraad Van Flora (24 in.) Bright rosy pink flower, shaded with lilac; blue base. Very effective. Per doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Tennessee Beautiful silvery rose with light blue base. Tall, strong grower. Doz., **$1.25**; 100, **$8.00**; 1000, **$75.00.**

Venus One of the most wonderful tulips of recent introduction. The large flower is of exquisite rose, with a white center slightly edged light blue. The entire flower bares a beautiful silvery sheen. The stem is always long and strong, making it a grand exhibition variety. Height, 30 to 36 inches. Doz., **95c**; 100, **$6.50**; 1,000, **$60.00.**

Darwin Tulips

Violet, Black and Shades of Purple

Benjamin Franklin The softly shading color of this beautiful lavender tulip has an indefinable charm that wins everyone's praise. The flower is strong, the stem long and straight. Per doz., **$1.25**; 100, **$8.00**; 1,000, **$75.00**

Bleu Aimable Bright violet-purple, with distinct steel blue shading; inside dark violet-purple, with blue base starred white; a very distinct and handsome tulip of large size and shapely form. Height, 26 inches. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50**.

Dream (25 in.) Pale violet changing to lavender, with lighter edge and clear blue base. We recommend this tulip as one of the best lilac colored varieties. Its color is soft, but lasts very well. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50**.

Faust (30 in.) Dark satiny purple with blue base, very large and well formed, good forcer. Per doz., **80c**; 100, **$5.50**; 1,000, **$52.50**.

Jubilee The most magnificent purple tulip. The flower is beautifully formed, deep rich bluish-violet shaded with purple. A flower of great beauty and long keeping qualities. We highly recommend this variety. Height, 28 inches. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00**. **(Illustrated on Front Cover.)**

La Tulipe Noire Nearest of all to the black color. Per doz., **65c**; 100, **$4.50**; 1,000, **$42.50**.

La Tristesse **(Dolores)** (25 in.) Beautiful lilac with lighter margin. A wonderfully soft color which, contrasted with deep yellow Cottage tulips makes a nice combination. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00**. **(Illustrated on Front Cover.)**

Lilac Wonder A color which up to now has not been shown in any tulip. The flower is porcelain lilac with a white center and borne on a stiff stem. A wonderful novelty. Per doz., **$1.75**; 100, **$12.00**.

Melicette A charming pure lavender with reflexing petals. Combines beautifully with light yellow tulips. Height, 28 inches. Doz., **$1.00**; 100, **$7.00**; 1,000, **$65.00**.

Mrs. Mandel The improved Wm. Copeland, with a larger and far more substantial flower. Violet blue, flushed lilac, with large, white base. This variety may be forced very early in January. Excellent keeper, strong stem. Highly recommended. Per doz., **$1.25**; 100, **$8.00**; 1,000, **$75.00**.

Mrs. Potter Palmer Beautiful purple, well formed. A tulip that is both striking and pleasing. Height, 26 inches. Doz., **80c**; 100, **$5.50**; 1,000, **$52.50**.

Philippe de Commines Velvety dark violet. Per doz., **60c**; 100, **$4.25**; 1,000, **$38.00**. **(Illustrated on Back Cover.)**

Purple King **(Viola)** One of the most outstanding purple tulips. The flowers are extremely large, pure bluish purple. The stem is thick and straight, and the entire plant is very vigorous. When well grown has as many as ten petals. Height, 30 inches. Doz., **95c**; 100, **$6.50**; 1,000, **$60.00**.

Raphael A magnificent long, full flower of deep crimson overlaid heavily with violet, a rich dark color that is at once striking and beautiful. Cannot be excelled for depth of color. Height, 30 inches. Doz., **95c**; 100, **$6.50**; 1,000, **$62.50**.

Rev. H. Ewbank (20 inches) Deep lilac, toning at the edges to pale lavender. Lighter in color and not so tall as Dream, white base. Distinct flat, open flower. Lasts well. Most popular of this shade. Per doz., **60c**; 100, **$4.25**; 1,000, **$38.00**. **(Illustrated on Back Cover.)**

Reve d' Amour **(Dream of Love)** An excellent flower of good substance, rare beauty and good form. This remarkable flower opens white with carmine spots and edge, but gradually becomes reddish violet, the base alone remaining white. Height, 26 inches. Doz., **$1.75**; 100, **$12.00**.

The Bishop A magnificent large flower of clear, deep violet, with a blue base circled by a white halo. A beautiful tulip of good form. Height 29 inches. Doz., **$1.50**; 100, **$10.00**; 1000, **$90.00**.

The International Immense cup of beautiful reddish violet. Wide open flower on tall heavy stem. Very good. Height, 28 inches. Doz., **95c**; 100, **$6.50**; 1,000 **$60.00**.

OUR TULIP GARDEN IN THE CHICAGO FLOWER SHOW, APRIL 2-9, 1932

Mixture of Darwin Tulips

Special Mixture, made up by ourselves from best distinct kinds. Per doz., **65c**; 100, **$4.25**; 1,000, **$36.00**.

Regular Mixture, splendid value for mixed beds and cutting. Per doz., **50c**; 100, **$3.25**; 1,000, **$30.00**.

Valentine Beauty of form and clearness of color make this Darwin one of the most attractive of the violet shades. Flowers of pure heliotrope are carried erect on tall stems, straight as ram rods. Doz., **80c**; 100, **$5.50**; 1,000, **$52.50**.

William Copeland **(Sweet Lavender)** Outside this variety produces flowers of fine rosy lilac, but is at its best when grown indoors during the winter. When forced indoors the flowers are the purest lavender of all tulips. Height, 24 inches. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00**.

Zulu (27 in.) Rich, velvety, purple-black; large cup-shaped flower. Per doz., **75c**; 100, **$5.25**; 1,000, **$48.00**.

Yellow

La Tosca Most tulips are beautiful, but here is a variety that is surpassingly attractive. Among all others it stands forth and is immediately noticed for its subti.e charm and brilliant coloring. The flower is large, egg shaped, creamy yellow, with a darker edge and base, turning sulphury white when in full bloom. Strong growing plant; flowers are carried on tall, stiff stems. Each, **35c**; per doz., **$3.50**; 100, **$25.00**.

Yellow Giant A golden yellow tulip of great beauty and size, a large flower with black anthers. Tall and strong stem. This is the best of the several yellow Darwin tulips offered. Doz., **$2.00**; 100, **$15.00**.

White and Blush

Avalon An excellent newcomer. Tall, strong, straight stem and pure snow white color. This tulip possesses unusual beauty of form and is very vigorous. Doz., **$1.25**; 100, **$8.00**; 1,000, **$75.00**.

Helen Eakin Pure, snow white flowers of perfect texture, beautifully proportioned, the personification of heavenly purity. This tulip was unanimously awarded an Award of Merit in Holland and the President Coolidge medal at the recent Spring Flower Show at New York. The flower is wide open and more "square shouldered" than "Rensselaer." Height 30 inches. Each, **50c**; Doz., **$5.00**.

Rensselaer After years of tireless work a pure white Darwin tulip has been produced. The flowers are excellent in form, and purest white in color. Unlike other white tulips that open cream colored, this variety opens pure white and remains so until the petals fall. Flowers are enormous with black anthers that contrast pleasingly with the snow-white texture of the bloom. Height 28 inches. Each, **50c**; Doz., **$5.00**.

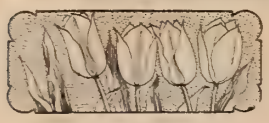
Laciniated Darwin

Sundew This flower is something entirely new in tulips. The curved petals are provided with barbs, giving the edges of the flower a fringed effect. It is said to be a natural sport of the popular variety Bartigon, retaining the brilliant crimson coloring and magnificent size of its parent. Doz., **90c**; per 100, **$6.00**; 1000, **$55.00**.

New Hybrid Classes

Mendel Tulips Mixed are the result of years of work crossing the earliest of single early tulips, the Christmas flowering Duc Van Thol type, with the tall late flowering Darwins. They flower very early, on extremely long stems. The color range is rather extensive, including the popular, brilliant shades of the Darwins. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00**.

Triumph Tulips Mixed Although they flower a few days later than the Mendel tulips, the stems of most of the Triumph tulips are taller and the color range includes not only the pink shades of the Darwins, but also the coloring and form of the Cottage type, as they are a cross between the single early types and the Darwins and Cottage. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00**.



Cottage Tulips

COTTAGE tulips are inclined to have pointed petals, sometimes turned back, and the blossom to be smaller and more slender. But they harmonize perfectly with the Darwins and Breeders and supply a quality of clear, bright color which these lack, while they have pure yellows not found in others. Every known shade is to be found among these, from deepest crimson to bright red, orange, glorious yellows, pink and a host of delicate tints of yellow, pink-cream and heliotrope. They blossom a few days later than the Darwins, often carrying the flowering period of Spring bulbs into the early days of June, especially if planted in a shady position. Many sweet-scented varieties are included, such as Gesneriana Lutea, and Mrs. Moon.

***For Pots.** When grown in pots, these, like the Darwin tulips, can be had in flower indoors during March and April, in a temperature not exceeding 55 degrees. Those best suited for growing in this way are marked*.

Parcel Post. Count twelve bulbs to one pound, fifty to four pounds; one hundred as seven pounds. Larger numbers by express.

Bronze

Quaintness (20 in.) Golden brown, overlaid with rose, the interior mahogany-brown, with yellow base. A remarkable color scheme to be found among the Cottage tulips. A fine pointed flower, very charming among purple horned pansies. Doz., **95c**; 100, **$6.50**; 1,000, **$60.00.**

Lilac and White

***Fairy Queen** (20 in.) Oblong blooms of rosy heliotrope blending into a golden yellow at the edges of petals. Very distinct. One of the most beautiful of all. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Miss Blanche (20 in.) Pure white tulip of Darwin shape with squared petals. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

The Fawn (20 in.) Egg-shaped bloom of yellowish fawn color, blended with pale rosy lavender and blush-pink margin. One of the prettiest of all late tulips. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Pink and Rose Shades

Ambrosia (22 in.) An enchanting combination of bronze with rosy lilac; inside is a salmon-orange tone. A pleasing soft blend that harmonizes with many colors. Doz., **$1.00**; 100, **$7.00**; 1,000, **$65.00.**

***Dido** (26 in.) Superb in form, poised erect on a straight stem, we know of no other tulip that has more fragrance and brilliant coloring than Dido. It is a deep, rich pink with salmon lights, suffused and slightly edged orange. Doz., **$1.00**; 100, **$6.50**; 1,000, **$60.00.** **(Illustrated on Front Cover.)**

Oak Park Collection
COTTAGE TULIPS

Ten each of the following ten representative varieties of Cottage Tulips, (100 first size bulbs) will be sent postpaid for..... **$5.00**

10 Moonlight, pale yellow.
10 John Ruskin, salmon rose.
10 Illuminator yellow streaked red,
10 Maiden Blush, white with rose margin.
10 Inglescombe Pink.
10 Mrs. Moon, fragrant yellow.
10 Glare of the Garden, crimson.
10 Fairy Queen, heliotrope.
10 Miss Blanche, white.
10 La Merveille, orange.

This collection of 100 bulbs of the delightfully graceful, brilliantly colored Cottage Tulips will insure your garden a well balanced display.

All Late Tulips May be Combined with Good Effect in the border

General French (26 in.) Immense size, perfect form, of warm rose tone. The flower is egg-shaped, many of the petals being fully six inches in length. Created a sensation last spring at our trial grounds. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00.**

Inglescombe Pink (24 in.) Warm pink tinged orange near edges of petals when it first opens. Age makes this tulip more beautiful, as after the first few days it changes to pure pink. Doz., **60c**; 100, **$4.25**; 1,000, **$38.00.** **(Illustrated on Back Cover.)**

John Ruskin (24 in.) Large egg-shaped bloom of graceful form and habit. Flowers are salmon and rose with pale yellow margin; inside heliotrope with golden border and base. Really a masterpiece in color and shape. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Maiden's Blush (20 in.) The old English Picotee; snow-white with a margin of rose. The petals are very pointed and reflex beautifully. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Orient (26 in.) Large, egg-shaped flower with long petals. Rich, warm pink slightly touched with amber at edges of the petals. Doz., **$1.30**; 100, **$8.50**; 1,000, **$80.00.**

***Rosabella** (18 in.) This graceful tulip can be compared to the loveliness of a rose bud. Pure pink in color, it possesses great charm. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00.** **(Illustrated on Front Cover.)**

Shades of Red and Orange

Alcmene A refined, oblong flower of intense and warm coloring. Glowing, deep carmine with white base with blue border. Per doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Grenadier (20 in.) Magnificent light orange. When the sun shines on a fully expanded flower of this variety the color is dazzling. Flower is long, borne on graceful stem. Doz., **75c**; 100, **$5.25**; 1,000, **$47.50.** **(Illustrated on Front Cover.)**

***Gesneriana Major** (24 in.) From the time of opening until the petals fall, this tulip makes a marvelous display. The flowers are typical Cottage form; long, egg-shaped, deep red in color, with dark blue base. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Gesneriana Orange Globe (22 in.) Rich crimson-scarlet, shading to orange. A fine companion for the yellow Gesneriana Lutea. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Glare of the Garden (18 in.) Large egg-shaped blooms of rich velvety crimson, with black and gold base. Pronounced the finest of all late crimson tulips. Doz., **80c**; 100, **$5.50**; 1,000, **$52.50.**

***Inglescombe Scarlet** (16 in.) Brilliant vermilion with a black base. One of the best reds. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

La Merveille (20 in.) Extra large, fragrant flower, apricot suffused orange. Graceful cut-flower for table decoration. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

***Nectar** (24 in.) Crimson with a large, pure white base that contrasts its rich color. Slightly reflexed petals. Extremely large flower. We recommend "Nectar" as an exhibition, cut flower, and garden variety. Doz., **80c**; 100, **$5.50**; 1,000, **$52.50.** **(Illustrated on Inside Back Cover.)**

Pandora (16 in.) The flower is not large nor the stem tall, but this tulip possesses a coloring so rich and striking that visitors to our trial grounds enthused at its beauty. The color is soft orange shaded salmon pink. Each, **25c**; doz., **$2.50**; 100, **$17.00.**

Yellow Shades

***Argo** (22 in.) While the flower is not large, it stands out amongst all others for its rich color. It is deep golden yellow, slightly penciled toward the top edges with orange, which deepens as the flower ages. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.** **(Illustrated on Inside Back Cover.)**

Avis Kennicott (22 in.) Long, pointed flower, very large, deep chrome-yellow, with striking black base. A tone that contrasts beautifully when planted with blue-bells (Mertensia). Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Buff Beauty A very delicate tulip, salmon orange, center orange, shaden yellow. When forced the color turns to bright salmop orange. Per doz., **$1.00**; 100, **$7.00**; 1,000 **$65.00.**

***Columbus** **(Gala Beauty.)** (18 in.) Medium pointed blooms of rich golden yellow, feathered and splashed with intense glowing scarlet. Sweet-scented. A delightful combination of color, distinct from all others. Doz., **$1.50**; 100, **$10.00**; 1,000, **$90.00.**

***Ellen Willmott** (20 in.) Long pointed bloom of pale primrose yellow. Wonderfully pure in color and sweet-scented. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

***Gesneriana Lutea** (20 in.) A very shapely bloom of the purest yellow; distinctly sweet-scented. One of the best yellow tulips in existence for color and perfume. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

***Inglescombe Yellow** (18 in.) A fine large, globe-shaped flower, color full rich yellow; sometimes called the Yellow Darwin. Doz., **60c**; 100, **$4.25**; 1,000, **$38.00.** **(Illustrated on Back Cover.)**

Illuminator Brilliant yellow, streaked red. A dazzling color. Per doz. **80c**; 100, **$5.50**; 1,000, **$52.50.**

Marvel (25 in.) Amber-yellow, with rosy lilac flush at center of petals; inside bright yellow, shaded brown toward base with green star. Medium sized flower, becoming quite yellow with age. Doz. **75c**; 100, **$5.00**; 1,000, **$45.00.** **(Illustrated on Inside Back Cover.)**

***Moonlight** (20 in.) Long, narrow flower of beautiful pale yellow. Opens two or three days sooner than most yellow Cottage tulips. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Mr. Dames (20 in.) Deep golden yellow with large egg-shaped blooms. This tulip is quite different in form from the other yellow tulips, as the flower is very wide and full. Very deep color. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00.**

Mrs. Moon (30 in.) This is beyond doubt the finest late yellow tulip in existence. The blooms are long and pointed, the outer petals reflexed. Distinctly perfumed. Highly recommended for large beds and borders. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

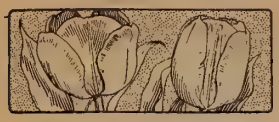
Mrs. F. E. Dixon **(Sulphur Beauty.)** (20 in.) We never believed a tulip could be so pure, clear and wax-like in texture until we saw this variety. The flowers are enormous, and the bloom large and globular. Color very clear sulphur yellow. Each, **45c**; doz., **$4.50**; 100, **$35.00.**

Walter T. Ware (18 in.) Deep golden yellow, the deepest and richest color among the late tulips; broad, globular flower, reflexing at the top. Very late. Doz., **80c**; 100, **$5.50**; 1,000, **$52.50.**

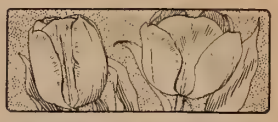
Vaughan's Special Mixture Cottage Tulips

AN excellent collection of named varieties, giving a dazzling display in mass. Splendid for cutting. Per doz., **70c**; 100, **$4.75**; 1,000, **$42.50.**

Regular mixed. Per doz., **55c**; 100, **$3.60**; 1,000, **$33.00.**



Breeder Tulips



BREEDER tulips are closer to the parent type of this ancient flower than others. The origin of the tulip is hidden in the dim past. But we know that the Dutch fanciers who in 1634 to 1637 speculated in new varieties during the reign of **tulipomania** grew the "mother bulbs," or Breeder tulips, to produce new striped varieties by "breaking." The Darwin race is supposed to have developed from the Breeders. For a long time the dark, rich colors of the latter were neglected in favor of the brighter and clearer tones of the other types. But recently taste has changed, and the richly hued Breeders have come into favor.

They blossom in May, and though not so tall, perhaps produce, as a rule, even larger blossoms than the Darwins. The colors include many rare among flowers—browns, bronzes, purples, blue-blacks, deep mauves, dull gold and dark lilac all exquisitely blended.

Planting. Plant the same as Darwins. Parcel post weights are also the same.

Attraction Large globular flower of magnificent form and deep, rich violet purple. Flower opens nicely and is carried strongly erect on a tall stem. Height, 25 inches. Doz., **$1.00**; 100, **$7.00**; 1,000, **$65.00.**

Bacchus Despite the fact that this is one of the oldest Breeder tulips in existence, having been introduced over 300 years ago, there is no other tulip that can be called its superior in clear, richness of color and beauty of form. The flower is rather narrow and long for a Breeder, the color is very similar to the purple of Concord grapes. Height, 28 inches. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.** **(Illustrated on Inside Back Cover.)**

Bronze Queen (28 in.) Soft buff, inside tinged golden bronze, good forcer. Doz., **60c**; 100, **$4.25**; 1,000, **$38.00.** **(Illustrated on Back Cover.)**

Cardinal Manning An extremely late flowering tulip. It warms the heart to see the rich wine red flowers of this variety open fresh and bright after most of the others are drooping with old age. Height, 28 inches. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Chestnut Very dark brown, almost black. Height, 24 inches. Doz., **80c**; 100, **$5.50**; 1,000, **$52.50.**

Copernicus Dark coppery bronze, with a slight flush of bronzy old-rose; interior is a warm brown, with a yellow base. The flower is large, carried upon a sturdy stem. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Creation Without question one of the finest orange bronze tulips ever introduced. When in full bloom the flower becomes bright orange with a delicate shade of bronze. A glorious tulip when forced in mid-January. Large flower on a tall and strong stem. Each, **35c**; doz., **$3.50**; 100, **$25.00.**

Don Pedro A beautiful shade of coffee-brown, shaded maroon, inside rich mahogany. Most fragrant. Per doz., **75c**; 100, **$5.25**; 1,000, **$48.00.** **(Illustrated on Inside Back Cover.)**

Feu Ardent Brilliant, deep fiery red with pure golden yellow base. Very large cup shaped flower. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

General Ney Large flower of old gold shading to lighter yellow with large olive colored base. Height, 22 inches. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Golden Buff A tremendous tulip on a tall and stiff stem, dull golden buff, center greenish yellow. When forced this flower becomes bronzy-yellow and is superior to any variety in this shade. A color as yet not found amongst the breeders. Each, **45c**; doz., **$4.50**; 100, **$30.00.**

Golden Bronze (24 in.) Beautiful bronzy yellow, good forcer. Per doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Heloise Enormous flower of fine form, deep magenta-red, with a yellow base edged olive. This variety bears our special recommendation. Height, 25 inches. Doz., **$1.00**; 100, **$7.00**; 1,000, **$65.00.**

Indian Chief Above all other tulips, even Louis XIV and Roi Soleil, Indian Chief towers like a giant, dwarfing in comparison varieties that we long considered unsurpassable. The flower is enormous, very widely opened, and squarely built. The flower is Indian brown in color, the petals are of very heavy texture, the stem extremely heavy and straight as a ram-rod. Height, 38 to 40 inches. Each, **25c**; doz., **$2.50**; 100, **$18.00.**

TULIPS ARE INDISPENSABLE IN THE FORMAL GARDEN

Vaughan's Special Mixture of Breeder Tulips

An excellent collection of this popular class of Tulips, including many rare colors. Per doz., **60c**; 100, **$4.25**; 1,000, **$38.00.**

James Watt (25 in.) Brownish black, edged bronze. Very large and beautiful. Doz., **$1.00**; 100, **$7.00**; 1,000, **$65.00.**

Jaune d'Oeuf Old gold and yellow flower of fine shape and strong stem, Yellow base. Height, 24 inches. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

La Douceur Beautiful violet blue, with a white base. The flower is large and delicately formed. Height, 32 inches. Doz., **$1.50**; 100, **$10.00**; 1,000, **$95.00.**

Louis XIV (36 in.) An immense flower, rich purple, with golden bronze margin; inside bronzy purple. A gigantic and very handsome tulip. Per doz., **60c**; 100, **$4.25**; 1,000, **$38.00.** **(Illustrated on Front Cover.)**

Lucifer An assembly of very capable judges of flowers pronounced this variety the most beautiful of the orange red tulips. Very late flowering, tall stem, and very brilliant color. Good form and excellent substance. Height, 28 inches. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00.** **(Illustrated on Front Cover.)**

Madame Lethierry A combination of two shades of old rose suffused with amber give this tulip a distinct salmon coloring, quite unusual to this class of tulips. Height, 26 inches. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Old Times Dull purple, edged primrose yellow, with bronze interior and star-shaped yellow base. The flowers are rather long and somewhat pointed in form. One of the few tulips of English origin. Height, 23 inches. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Panorama (Fairy) Rich deep red of beautiful form, strong stem and good substance. Excellent cut flower. Height, 24 inches. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.** **(Illustrated on Back Cover.)**

Pink Pearl A new Breeder and quite the finest of its color. The outside of the flower is a lilac pink, inside rose, with a beautiful white base. A magnificent, egg-shaped flower. Height, 26 inches. Doz., **$1.15**; 100, **$7.50**; 1,000, **$70.00.**

Plutarchus (26 in.) Bronze, shaded at base with terra cotta, a very handsome tulip. Per doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Prince of Orange Orange-scarlet, edged light yellow, flower of striking beauty. Per doz., **75c**; 100, **$5.25**; 1,000, **$48.00.** **(Illustrated on Inside Back Cover.)**

Queen Alexandria (23 in.) A beautiful new late tulip with a very elegant shaped flower, soft sulphur-yellow with black anthers. Per doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Roi de Siam A large flower of dark violet-purple, lighter towards the edges with white base. Doz., **80**; 100, **$5.50**; 1,000, **$52.50.**

St. James (28 in.) Dark rosy lilac, edged bronzy tan, with coppery rose flush at tips of petals; inside ruddy mahogany, edged golden brown with yellow and green base. Large, tall. Doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Turenne (25 in.) A remarkably fine tulip of rich purple, broadly margined amber. Inside brownish yellow. Per doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Velvet King (21 in.) Crimson-maroon, reflecting a purplish "bloom"; deep crimson inside. Creamy white base. Rounded petals. Distinct in color and shape from Zulu. Very fine. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Violet Queen Large ruby-violet of stately habit. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Virgilius A magnificent color of rich violet-purple, with a rather indistinct base, blending into the predominating color. The form of this tulip is very beautiful, the size of the flower large, and the stem strong. Height, 28 inches. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00.**

Vulcain (25 in.) Reddish apricot, with broad margin of bright buff-yellow, inside dark apricot, edged yellow, with dark green base, starred yellow. A flower of splendid form and in color unlike any other tulip. Doz., **90c**; 100, **$6.00**; 1,000, **$55.00.**

William the Silent Enormous, handsome flower of dark violet-purple with white base. The cup is well opened, the stem strong, and the flower has a glossy sheen. Height, 26 inches. Each, **25c**; doz., **$2.50**; 100, **$17.00.**

Lake Forest Collection
BREEDER TULIPS

Ten each of the following ten representative varieties of Breeder Tulips (100 first size bulbs) will be sent, postpaid, for . . $5.00

- 10 Don Pedro, coffee brown
- 10 Bacchus, grape blue
- 10 Bronze Queen, soft buff
- 10 Feu Ardent, fiery red
- 10 Panorama, deep red
- 10 Louis XIV, purple and gold
- 10 Prince of Orange, orange scarlet
- 10 Cardinal Manning, wine red
- 10 St. James, rosy lilac
- 10 Lucifer, orange red

This collection of 100 bulbs will insure your garden a well balanced display of the richly colored, artistic Breeder Tulips.

Double Early Tulips

THERE is a distinct revival of the popularity of double tulips. Coming a little later than the singles, they last much longer, and where the single and double are planted together the season of flowering is prolonged from two to three weeks. The double tulips require a soil more fertile than the singles for perfection of blossoms; and where well grown their mammoth peony-like flowers of delicate or brilliant coloring are most effective either in groups in the border, or in formal beds. The double tulips do very well when grown in pots for winter blooming, but they must be forced more slowly than the single tulips.

Explanatory. The number following the name of the variety denotes the height in inches, while the (a) and (b) indicate their earliness of bloom—the (a's) flower together and are earliest; the (b's) flower together, but are somewhat late.

A BED OF DOUBLE EARLY TULIPS

Double Pink

Electra 8b. Magnificent, enormous flower: beautiful rose, feathered violet: a handsome novelty, unexcelled for exhibition purposes. Per doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Murillo 7a (fancy), large pink, suffused white. Per doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Peach Blossom 8a. deep rosy pink, deepening with age to a deep rose. A very fine flower with a wonderful color. A new variety of superb quality. Per doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Queen of Pinks 7a. Beautiful rose pink. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Triumphator 9b. Magnificent bright pink, the best of the several sports of the popular "Murillo." It is an improvement upon the variety "Peach Blossom" which has long been recognized as one of the best double pink tulips. It is more double, the color is much softer, and the form much better than the last named. Height, 11 inches. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Double Striped or Otherwise Colored

Mystery of India 8b. Terra Cotta with bronze and rose combination; large flowers on strong stem, for bedding only. Per doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Toreador 8a. Reddish orange and yellow. Per doz., **90c**; 100, **$6.00**; 1,000, **$55.00.**

Tournesol 8a. Red and yellow; very showy. Per doz., **90c**; 100, **$6.00**; 1,000, **$55.00.**

Collection
OF DOUBLE EARLY TULIPS FOR INDOOR GROWING

25 Bulbs in 5 named varieties, our selection, postpaid **$1.50**
50 Bulbs in 5 named varieties, our selection, postpaid **$2.75**
100 Bulbs in 5 named varieties, our selection, postpaid **$5.00**

For Grave Decoration 48 Double Early Tulips Will Give Fine Effect

RUBRA MAXIMA—GIANT DOUBLE RED

Double Yellow

Couronne d'Or (Crown of Gold) 10a, beautiful rich, golden yellow. Per doz., **80c**; 100, **$5.50**; 1,000, **$52.50.**

Mr. Van der Hoef 12a. Yellow sport of Murillo with all its superb qualities. One of the very finest of the primrose-yellow double tulips. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Mr. Van Tubergen 12a. Beautiful golden yellow, a sport from Couronne d'Or. Large, exceedingly strong, full double flowers. Doz., **80c**; 100, **$5.50**; 1,000, **$52.50.**

Tea Rose 12b, yellow and apricot. Per doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Double Red

Imperator Rubrorum 9a, bright scarlet. Per doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

L'Aurora 8b. Orange red, large flower on strong stem. One of the loveliest double red tulips; when grown in pots the flower is large but compact. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Rubra Maxima 8b, dazzling scarlet. Per doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Vuurbaak 9b. Bright scarlet, suffused orange. Per doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

Double White

Boule de Niege 10b, pure white. Per doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Schoonoord (White Murillo) 12b, pure white. Extra fine. Per doz., **80c**; 100, **$5.50**; 1,000 **$50.00.**

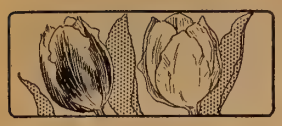
Splendid Late Double Tulip

Bleu Celeste (Blue Flag) 10b. Blooming in May with the Cottage tulips, this magnificent variety makes a wonderful showing in the herbaceous border, or in the partial shade of low shrubs. The blooms are large and very double (resembling a good double peony), a delightful shade of pale bluish purple and are borne on long stems, making them splendid decorative flowers. Per doz., **$1.35**; 100, **$9.00**; 1,000, **85.00.**

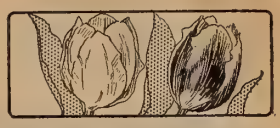
Epicure 10b. Salmon rose shading to old gold near edges of petals. Very large flower and sturdy grower. Height, 18 inches. Doz., **$1.60**; 100, **$11.00**; 1,000, **$100.00.**

Vaughan's Special Mixture Made from the best named varieties that will bloom about the same time, and of about the same height. Do not compare this mixture with regular mixtures which are made up by the Holland growers. Per doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Extra Fine Double Mixed Per doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**



Single Early Tulips



TWO OR THREE weeks of brilliant color in April, following the daffodils and preceding the Darwin tulips, are worth much to any garden. The early tulips alone can supply it; and among them can be found varieties to play almost any part your garden scheme demands. It is a mistake to think of the early tulips as all short-stemmed, and too bright in color. It is true their brilliancy cannot be excelled by any other class of their own family or any other flower family that we know. But there are also varieties of delicate tints and shades, as beautiful and with flowers as large as anything the May-flowering classes can produce. In height, 12 inches is not uncommon, and a graceful carriage fits these taller kinds to serve in any role a Darwin would grace.

Explanatory. The number following the name of the variety denotes the height in inches, while the (a) and (b) indicate their earliness of bloom—the (a's) flower together and are earliest; the (b's) flower together, but are somewhat late. The Duc Van Thol Tulips should be used for pots only.

TULIP FRED MOORE, Scarlet

Yellow and Orange

General De Wet 10a, beautiful deep orange, shaded golden yellow at the base of the petals. A very fragrant flower and one of the finest newer sorts in cultivation. There is no other orange variety which equals it in brilliancy. It is therefore one of the showiest bedders, and as it forces splendidly we can recommend it for all purposes. Doz., **80c**; 100, **$5.50**; 1000, **$50.00.** **(Illustrated on Inside Back Cover.)**

King of Yellows 9a, deep golden yellow. Per doz., **90c**; 100, **$6.00**; 1,000, **$55.00.**

Mon Tresor 7a, The purest yellow and best variety for outdoor planting as well as inside growing. Very large cup of golden yellow. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Rising Sun 8a. The brilliance of its namesake is seen in the golden beauty of this magnificent tulip. Large, of good form, and sturdy growth, it is an ideal tulip for bedding and border. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Yellow Prince 8a, golden yellow, fine forcer. Per doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Striped and Purple

Duc de Berlin 6a, clear scarlet, edged yellow. Per doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Keizerskroon 10b, red with distinct wide golden border, one of the finest. Per doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Van Der Neer 7b. Large, brilliant violet purple. Excellent form, and striking color. Doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Single White

Diana 14b, pure glistening white, with a yellow base; long flower of handsome shape. A fine new tulip which grows more beautiful as it ages. Per doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

La Reine Maxima. 8b. A lightly flushed white tulip of large size. Makes charming beds with lavender violas. Splendid for forcing. Height 13 inches. Per doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Lady Boreel 8b, pure white, splendid. Per doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

White Swan 15b, pure white. Per doz., **65c**; 100, **$4.50**; 1,000, **$42.50.**

White Hawk 7a, white; very fine. Per doz., **75c**; 100, **$5.25**; 1,000, **$48.00.**

Collections
OF SINGLE EARLY TULIPS FOR INDOOR GROWING

25 Bulbs in 5 named varieties, our selection, postpaid..... **$1.25**

50 Bulbs in 5 named varieties, our selection, postpaid.....$2.25

100 Bulbs in 5 named varieties, our selection, postpaid.....$4.25

TULIP KEIZERSKROON

SPECIAL OFFER

SINGLE TULIP BEDS—Early Flowering

We can furnish at a special price, bulbs for circular beds in four colors, varieties to be our selection. Shallow-rooted plants can be grown in these beds without removing the tulips, except once in three years. For planting in parkways these beds are ideal. Plant the bulbs either 4 or 6 inches apart.

For 3-ft. bed planted 4 in. apart, 96 tulips, 24 each, red, white, yellow and pink **$4.50**, postpaid.

For 3-ft. bed planted 6 in. apart, 36 tulips, 9 each, red, white, yellow and pink, **$1.75**, postpaid.

For 4-ft. bed planted 4 in. apart, 128 tulips, 32 each, red, white, yellow and pink, **$5.50**, postpaid.

For 4-ft. bed, planted 6 in. apart, 60 tulips, 15 each, red, white, yellow and pink, **$2.75**, postpaid.

Single Scarlet and Crimson

Artus 7b, a splendid deep scarlet. Per doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

Belle Alliance 8b, brilliant scarlet. Per dozen, **75c**; 100, **$5.00**; 1,000, **$45.00.**

Brilliant Star 8a, bright glowing scarlet; very early. Per doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

Couleur Cardinal 8a. As its name denotes this variety possesses the brilliant red coloring called Cardinal. Immense blooms of good cup form open later than the usual run of early tulips, prolong their season into the earlier blooming Darwins. A great favorite at Saint Mary's of the Lake Seminary, Mundelein, Ill., where it is planted in large quantities. Doz., **60c**; 100, **$4.25**; 1,000, **$38.00.**

Fred Moore 10b, beautiful, large orange scarlet flowers with lighter edge. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Prince of Austria 8a, orange-vermilion. Per doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Vermilion Brilliant 7b, dazzling vermilion-scarlet, fine for pots. Per doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Pink and Rose

Diadem 9a. A very beautiful, large flowered pearly pink tulip, with the interior slightly darker rose pink. This variety is outstanding because of its extreme earliness and tall, strong stem. Height, 19 inches. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Flamingo 8a, carmine-rose and white. Per doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Hobbema 8b. Old-rose, flushed buff; a very large, globular flower with rounded petals and carried on a strong stem. A tulip of remarkable coloring, and very beautiful when grown out-of-doors. Fine for late forcing; if forced early the color is not so clear. Height, 13 inches. Doz., **80c**; 100, **$5.50**; 1,000, **$52.50.**

Pink Beauty 12b, bright rose-pink shading to blush-white. Per doz., **90c**; 100, **$6.00**; 1,000, **$55.00.**

Proserpine 8a. The best dark pink early tulip. All others fade into oblivion when Proserpine opens her dark glossy blooms. Truly a magnificent variety. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Rose Gris de Lin 7b, delicate rose, flushed white. Per doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Rose Luisante 7b, brilliant deep pink. Per doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Single Early Mixed

Per doz., **50c**; 100, **$3.50**; 1,000, **$32.00**

Vaughan's Special Single Mixed

Per doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Striped and Parrot Tulips

TULIP FANTASY
Clear Pink Parrot Type

Parrot Tulips

THEIR fringed and corrugated petals with their wonderful variation make these old-fashioned flowers the most curious of all tulips. Flowering at the same time as other late sorts; they are entirely distinct from any other; the flowers are thick-petaled with extra long stems, and keep extremely well after being cut. The average height is 15 inches.

Admiral de Constantinople Red, tipped orange. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Fantasy A remarkable Parrot Tulip with a straight, strong stem, a quality which has always been lacking in Parrot tulips. This variety is a sport of the well-known Darwin tulip, Clara Butt, and has the same clear pink color as its parent, combined with artistic form of a Parrot tulip. Each petal is over three inches long, and two inches across. The center of the petals on the outside are marked emerald green. Each, 20c; doz., $2.00; 100, $15.00.

Lutea Major Bright yellow; large. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Markgrave Yellow, striped scarlet and green. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Couleur Cafe Brown and yellow. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Cramoisie Brilliant Deep crimson with large dark center. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Gloriosa Red and yellow. Per doz., 80c; 100, $5.50; 1,000, $50.00.

Mixed Superfine Per doz., 75c; 100, $5.00; 1,000, $45.00.

Striped Tulips

THOUGH too gay for modern taste to serve in large plantations, the old-fashioned striped tulips are beautiful. They prove that the Dutch tulipomania was not without excuse, and no gardener who wishes his collection to be representative will be without some specimens.

Bizarres Mixed. Flowers beautifully blotched, striped and feathered with crimson, pink, scarlet, rose, lilac and purple on yellow ground. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Bybloemens Mixed. White ground, blotched, striped or feathered with lilac, purple, violet, blue. Per doz., 90c; 100, $6.00; 1,000, $55.00.

Lily Flowered Tulips

As the result of crossing the dainty pointed-petaled Tulipa retroflexa with a pink Darwin, we have here a new, very beautiful, and distinct race of Tulips having graceful, slightly reflexing flowers on tall, sturdy stems.

Adonis Long, fine shaped flower of a vivid rosy red. Doz., 75c; 100, $5.25; 1,000, $48.00.

Alaska Long-shaped flower, with slightly reflexing outer petals. The whole flower is a rich, golden yellow. A prize winner which is as beautiful as it is novel. Height, 27 inches. Doz., $1.50; 100, $10.00; 1,000, $90.00.

Artemis Bright carmine-rose, pure white base. Doz., 75c; 100, $5.25; 1,000, $48.00.

Retroflexa Superba Deep golden yellow, with very pointed recurving petals. Very graceful and sweet-scented. Height, 20 inches. Doz., 80; 100, $5.50; 1,000, $52.50.

Sirene A very beautiful flower. Rich rose-pink with pale-pink at the margins of segments, white base. Fine forcer. Great exhibition flower of exquisite beauty. Doz., 75c; 100, $5.25; 1,000, $48.00.

Talisman Orange-yellow flushed pink with reflexing outer segments. Doz., 75c; 100, $5.25; 1000, $48.00.

SPECIES, TULIP CORNUTA STENOPETALA

Wild Tulip Species

For the Rock Garden and Hardy Plant Border

The general characteristics of the various species, all of which are natives of Asia Minor and Central Asia, are bright colors and recurved petals. These Tulips do not always feel happy in their new surroundings and after two, or possibly three, seasons they will disappear. With care and the provision of suitable quarters they will flower quite satisfactorily. They feel best contented in rock gardens and borders.

Australis (Celsiana) Yellow, tinged on outside of petals reddish bronze, a pretty species somewhat resembling T. Sylvestris, is found growing in Spain and Southern Europe. Height 16 inches. Flowering in April. Doz., $1.00; 100, $7.00; 1,000, $65.00.

Clusiana "Lady" or "Candystick" Tulip. Outer petals bright cherry red, inner petals creamy white, with violet base; small flower, but very distinct. It should be planted in light soil 6 or 9 inches deep, in the rock garden or among stones in the front of the herbaceous border. A warm and sheltered situation should be chosen, where it will prove to be a gem among early flowers. Flowering season late April. Height, 8 inches. Doz., $1.15; 100, $7.50; 1,000, $70.00.

Cornuta Stenopetala Beautifully formed flower, laciniated like a Parrot Tulip, but held upright on tall, stiff stem. Very interesting and curious in a collection. Color combination, scarlet and gold. Doz., $1.50; 100, $10.00; 1,000, $90.00.

Eichleri A grand Tulip from Turkestan; immense crimson-scarlet flowers with glistening black center marked with gold. Flowers at the same time the single early tulips do. Has very pointed petals. Height 11 inches. Doz., 90c; 100, $6.00; 1,000, $55.00.

Florentina Odorata (Sylvestrus) Deliciously fragrant butter-yellow blossoms, often two to a stem, with bronze exteriors, carried on slender, arching stem. Increases rapidly when once established. Interplant with Grape Hyacinths. Height, 18 inches. Doz., 90c; 100, $6.00; 1,000, $55.00.

Greigi Aurea Brilliant orange-scarlet, with deep yellow goblet-shaped flower, pointed, slightly reflexing petals and broad, thick leaves flushed with purple. Flowers in late April and May, and is a gorgeous Tulip. Wants a hot, dry situation. Height, 9 inches. Each, 25c; Doz., $2.50; 100, $18.00; 1,000, $170.00.

Kaufmanniana (The Water Lily Tulip). Large, creamy flower, brilliantly marked with carmine, yellow center. Flower opens flat and is carried on a stem usually 6 inches in height. Blooms early in April. The bulbs should be planted six inches deep. Splendid for naturalizing in shady places; self-sows freely. One of the first to flower. Height 5 to 7 inches. Doz., 90c; 100, $6.00; 1,000, $55.00.

Marjoletti Soft primrose, shaded carmine-red at base; a small flower of very attractive color. This tulip comes from Savoy, and flowers about the second week in May. Height, 14 inches. Doz., 95c; 100, $6.50; 1,000, $60.00.

Micheliana Glossy scarlet, shaded carmine, base and center black, bordered yellow, brown stripes in the leaves. Each, 30c; Doz., $2.75; 100, $20.00.

Praecox A tall growing species from Southern Europe and Persia. Petals are slightly reflexed, the entire flower having a short and globular appearance. The outer petals are scarlet, inside scarlet shading to orange with black and yellow base. 18 to 20 inches tall. Doz., $1.50; 100, $10.00; 1000, $90.00.

Rembrandt Tulips

REMBRANDT tulips are in reality "broken" forms of Darwin tulips. Broken tulips, on account of their odd colorings and variegations, were very popular at one time, and while the modern tendency to favor self-colors is recognized generally throughout all countries, these broken forms possess splendid decorative value. The stems average from 18 to 22 inches in height.

Anne Mary Base pure white, anthers black. Petals mainly white with some reddish violet stripes. Received Award Merit (Haarlem). Height, 22 inches. Doz., $1.00; 100, $7.00; 1,000, $65.00.

Julienne Rose, striped and feathered carmine-purple and white. Edges of petals broadly blotched white. Doz., $1.00; 100, $7.00; 1,000, $65.00.

Red Prince Rose-flamed fiery red. Doz., $1.00; 100, $7.00; 1,000, $65.00.

Semele White, heavily striped and feathered, vivid rosy pink. Large, of exquisite coloring. Doz., $1.00; 100, $7.00; 1,000, $65.00.

Thetis Base blue stripes, anthers black. Petals cochineal-carmine and wide white stripes. Height, 24 in. Doz., $1.00; 100, $7.00; 1,000, $65.00.

Vesta Lilac, striped and flamed dark carmine. Doz., $1.00; 100, $7.00; 1,000, $65.00.

Zenobia Amaranth and white, feathered brilliant brown. Doz., $1.00; 100, $7.00; 1000, $65.00.

Extra Fine Mixed
Doz., 90; 100, $6.00; 1,000 $55.00.

Bunch Flowered Tulips

Monsieur Mottet A most charming and striking and very unusual scene is to see this tulip in full bloom. It is unusual, for it always produces not one, but three to six or more flowers from each bulb. The flowers are of Cottage form, narrow and pointed, and cream white in color. A very interesting and fine garden tulip. Doz., 95c; 100, $6.50; 1,000, $60.00.

Daffodils or Narcissi

COMING in March or April, Narcissi or Daffodils, are the first of the flowers that dominate. They are most pleasing in natural arrangements. They like to nestle at the feet of shrubs. Once planted they need not be lifted until they crowd. Naturalized, the Leedsii, Poeticus and Incomparabilis classes thrive best.

The yellow large trumpets like a fairly heavy soil, while the white trumpets and Leedsii take more kindly to a sandy soil. Do not use fresh manure, but fertilize only with bone meal. Plant the bulbs six inches deep and the same distance apart, in a deep, well worked soil

Trumpet Variety

Emperor A magnificent sort. The entire flower is a rich yellow trumpet of immense size and petals so broad that they overlap. Three of these bulbs planted in a 6-inch pot will make asplendid show. Large bulbs, each, **15c**; doz., **$1.50**; 100, **$10.00.**

King Alfred **"The King of Yellow Daffodils."** Tall, vigorous, golden yellow flower, of elegant form. The expanded trumpet measures 2½ inches in diameter, the perianth proportionately large and segments gracefully twisted. Height, 24 inches. Mammoth bulbs. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Olympia A giant flower rivaling Van Waveren's giant in size; sulphur-yellow perianth, handsome yellow frilled trumpet. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Spring Glory A very early showy bicolor daffodil with large white perianth, broad and spreading, trumpet large and handsome, bright yellow with open frilled mouth. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Tresserve A flower very large with slightly campanulate canary-yellow perianth and a very bold rich yellow trumpet with wide expanded brim deeply flanged and measuring 2¼ inches across. Height, 17 in.; a fine exhibition variety. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Van Waveren's Giant A giant trumpet daffodil; flowers of immense size, perianth primrose and of rather campanulate form, trumpet bright yellow with very large open mouth, flanged at brim. Ht. 18 in. A very showy and decorative variety of great vigor, fine for bedding or for making bold clumps in the flower border. Each, **30c**; doz., **$2.75**; 100, **$20.00.**

Barrii

Their pedigree is simular to the Incomparabilis type, but they inherit more of the Poeticus character in having the cups less than one-third of the length of the perianth segments (petals) and more of the red parent blood suffused through the cup.

Brilliancy A very conspicuous seedling of huge size, 4 inches across, informal, star-shaped perianth of pale primrose, with a deep, broad, yellow cup, picoteed red-orange at the very edge. Each, **45c**; doz., **$4.50**; 100, **$35.00.**

Conspicuous A flower of exquisite beauty, unexcelled for cutting; large, broad-spreading perianth; broad, short cup, conspicuously edged bright orange-scarlet. Lasts long in water Each, **15c**; doz., **$1.25**; 100, **$8.00.**

Red Beacon A lovely flower which immediately attracts one by its brilliantly colored cup; the perianth is ivory-white, broad and of great substance, slightly shaded sulphur at base, cup prettily fluted and of the most intense fiery orange-red, shading down to golden orange; ht., 15 in. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Seagull A charming flower, large pure white perianth, cup canary, edged apricot on first opening; fine for cutting, a strong free grower, with blue-green foliage. Height, 25 inches. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

True Jonquils

Jonquils are graceful, sweet-scented flowers which thrive well in a moist, shady position in borders. Flowers are arranged on the stem in a cluster.

Golden Sceptre This is a Jonquil Hybrid with a refined yellow trumpet, a large golden self color. Has fine long stems, delicious fragrance and is very free-flowering and hardy. Each, **20c**; doz., **$1.75**; 100, **$12.00.**

Odorus Campernelli A native of France. Perianth and cup full yellow, several flowers to stem. Height 18 inches. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Odorus Rugulosus A fine large-flowered form, almost a self bright yellow, perianth broad and solid, crown straight and broadly fluted at margin. Height, 18 in. Each, **15c**; doz., **$1.25**; 100, **$8.00.**

Incomparabilis

This class includes many of the most beautiful and useful Daffodils for bedding, naturalizing and border planting. Strong growers, hardy and free bloomers Forced for winter flowers, they are splendid.

Bernardino A very beautiful flower, with large, broad, creamy perianth and a very large pale cup, prettily fluted and heavily stained deep apricot-orange. A good free grower Height, 22 in. Each, **20c**; doz., **$1.75**; 100, **$12.00.**

Lucifer For color, a very showy flower; perianth white, cup an intense glowing orange-red, color lasting well in the sun, strong grower and free bloomer. Height, 17 in. Each, **15c**; doz., **$1.25**; 100, **$8.00.**

Sir Watkin A well-known daffodil, excellent for large plantings, or growing in pots. Full perianth of pure yellow with large, rich, golden trumpet. Large size. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Whitewell One of the very best of the bi-color Incomps. Petals pure creamy white, bold open crown of that strong yellow which is a near approach to orange. Excellent size and texture. Slightly facing upwards from 18-inch stems. Each, **20c**; doz., **$1.75**; 100, **$12.00.**

Will Scarlet We consider this variety worth XXX for the remarkable fiery orange-red coloring of its large cup, which opens widely at mouth and is elegantly crimped, perianth creamy white and reflexing; a striking flower. Height, 15 inches. Each, **20c**; doz., **$1.75**; 100, **$12.00.**

Poetaz

Crossing of Poeticus and Polyanthus varieties produced this perfectly hardy strain of bunch-flowering Narcissus. Do well planted in pots for winter flowers.

Laurens Koster Perianth white, cup light orange-yellow. Each, **10c**; doz., **$1.00**; 100, **$7.00.**

Orange Cup Yellow perianth, cup orange red nicely frilled. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Mixture for Naturalizing

Our Special mixed contains all the high price Trumpet, Leedsii, Star and Poeticus types which we imported before Quarantine 37 went into effect and should not be compared with cheap mixed offered by many.

Vaughan's Special Mixed. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Regular Mixed. Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

TRESSERVE

Leedsii

All have white perianths with white or sulphur trumpets. Most beautiful class for cutting.

Evangeline Pure white perianth, lemon-yellow cup. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Gainsborough Perfectly formed, broad petaled, flat opening perianth; light canary yellow cup with dainty orange picotee around the deeply crinkled edge; tall growing and free flowering. Each, **45c**; doz., **$4.50**; 100, **$35.00.**

Lord Kitchener A very handsome **Giant Leedsii**, flower of great size with very broad flat pure white perianth of firm substance, crown very large of a delicate pale primrose, well open at mouth and elegantly crimped at brim, a sturdy grower and of fine constitution. Height 18 inches. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Queen of the North White, pale canary cup daintily fluted, Extremely hardy and free flowering. About 22 inches in height. Once established it never gives up. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Poeticus

The pure white perianth and all-red or picoteed cup, and delicious perfume, peculiar to itself, makes this one of the most popular of all Narcissi.

Alba Plena Odorata The well-known double white, scented form of Poeticus; sometimes called the gardenia-flowered Narcissus. Late-flowering, and will not force. Best suited for beds or naturalizing. Each, **15c**; doz., **$1.25**; 100, **$8.00.**

Ornatus Maximus A much improved form of the ordinary Poeticus, producing larger flowers and appearing two weeks earlier; for this reason they are especially adapted for forcing and make a splendid cut-flower. Large bulbs. Each, **15c**; doz., **$1.25**; 100, **$8.00.**

Poeticus (Common Pheasant's Eye) The Narcissus for garden planting; pure white with scarlet-edged cup or eye. Fine for naturalizing, being hardy and increases readily in numbers; late. Each, **10c**; doz., **$1.00**; 100, **$7.00.**

Double Varieties

The Pearl Creamy white, interspersed with sulphur yellow, deeper at center; charming. Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Twink It is a double of the semi-full type, the petals alternating a soft primrose and clear orange, so arranged as to give the flower a most attractive appearance. Each, **$2.00**; doz., **$20.00.**

Von Sion Pure golden yellow, full double. Good forcing variety. Each, **15c**; doz., **$1.50**; 100, **$10.00.**

The Hardy Lilies

LILIUM Auratum

LILIUM Regale

LILIUM Canadense

LILIUM Rubrum

Many imported lily bulbs arrive in this country very late in the fall Note carefully the arrival dates stated below. If freezing threatens before your bulbs arrive, cover the soil with a heavy mulch to keep it soft.

LILIES are so beautiful, so fragrant, we are likely to think them too fine for the amateur to grow. But many are hardy, thrifty flowers, capable of surviving conditions which would overcome flowers much less beautiful. Grow them in the border in small groups, with background, where their beauty has a suitable setting for its display. They blossom, as a rule, in midsummer, when fine flowers are at a premium.

Lilium Auratum

Ready Late November

The Gold-Banded Lily of Japan—The most beautiful variety of all the lily family—should be in every garden. Flowers white, dotted crimson, with a clear golden band running through the center of each petal; very fragrant. A splendid lily for pots, or for planting out in the shrub or plant borders. In either way it is very handsome, its large flowers and delicious perfume make it one of the most valuable of all. It is perfectly hardy with ordinary protection and suitable soil.

First Size (8 to 9 in.), each, **25c**; doz., **$2.50**; 100, **$18.00**.
Mammoth (9 to 11 in.), each, **35c**; doz., **$3.50**; 100, **$25.00**.
Jumbo (11 to 12 in.), each, **45c**; doz., **$4.50**; 100, **$30.00**.

Lilium Auratum Platyphyllum

(An Improved Auratum) Ready Late November

This is without a question one of the most wonderful lilies in cultivation. The leaves are very long and broad and the stems attain a height varying from 7 to 10 feet. The flowers are similar in color to Auratum, heavily spotted, but much larger.

First Size (8 to 9 inch), each, **30c**; doz., **$3.00**; 100, **$22.00**.
Mammoth, (9 to 11 inch), each, **45c**; doz., **$4.50**; 100, **$30.00**.
Jumbo (11-13 inch), each, **55c**; doz., **$5.50**; 100, **$40.00**.

Lilium Auratum Pictum

Ready Late November

A very beautiful lily of recent introduction. The flowers are large, pure white in color, with the usual yellow band in the center of each petal, but in this novelty the tip of this band is splashed with red, while red dots replace the usual brown ones of the type. Give this lily as sharp a drainage as possible, preferably gravel or cinders covered with sand, with a layer of rich, friable soil overlaying the bulb, and you will be rewarded every year by a wealth of bloom, color, and fragrance. Plant six to eight inches deep.

Each, **45c**; doz., **$4.50**; 100, **$32.50**.

Lilium Batemanniae

Ready October

One of the most beautiful of all lilies, its clear apricot coloring being so attractive it draws instant attention. The flowers are three to four inches in diameter, three to four feet tall, opening in August. Very hardy and easy of culture. Each, **30c**; per doz., **$3.00**; 100, **$22.00**.

Lilium Browni Odorum

Ready October

Massive, trumpet shaped flowers, deliciously fragrant. They open pale yellow and fade quickly to a pure, creamy white color. The outside of the trumpets is bronze. Easy to grow if good drainage is provided. Each, **$1.00**; per doz., **$10.00**.

Lilium Bulbiferum

Ready October

It grows two to three feet high, has narrower and shorter leaves than Umbellatum, with more flowers, usually six to eight from each bulb. The cup-shaped flowers are orange-scarlet, slightly lighter in the center of each petal, while the entire flower is covered with small, black dots. Its chief garden value is in massing, and reliability of flowering. Each, **25c**; dozen, **$2.50**; 100, **$18.00**.

Calla Lily—See Miscellaneous Bulb page.

Lilium Canadense

(Meadow Lily)—Ready October

The whole plant has a downward, graceful movement and looks like a slender, tiered green belfry ringing golden bells. The flowers are nodding, bell-shaped, with petals flaring out and turning back slightly. They are heavily dotted on the inside with purplish brown dots. Blooms the end of June to July. Should be planted five inches deep. It is an excellent lily for naturalizing.

Canadense Rubrum—Dark red. Each, **25c**; Per three, **70c**; dozen, **$2.50**; 100, **$18.00**.
Canadense Mixed—Each, **15c**; dozen, **$1.60**; 100, **$12.00**.

Lilium Cernum

The lilac colored Teniufolium lily. A very sturdy, hardy lily of very easy culture and rare beauty. Nodding, recurved petals, on stems up to four feet tall but usually two and one-half to three feet.

Each, **30c**; per doz., **$2.75**; 100, **$20.00**.

Lilium Concolor

Ready October

A very pretty Chinese lily, especially adapted to use in rockeries. Flowers are upright, starlike in form, deep vermillion. Blooms in July, 6 to 18 inches high. Plant four inches deep. Perfectly hardy in the most northern sections of the United States.

Each, **25c**; dozen, **$2.50**; 100, **$18.00**.

Lilium Croceum

Ready October

(Orange Lily) A beautiful, stately lily from the Alpine Mountains. Here it thrives in almost any soil, and endures the smoke of the city very well. The flowers are four to five inches in diameter, bright orange-red, with orange center, spotted in some places with purplish black. It is a handsome, showy, vigorous and long-lived lily which grows three to four feet high and blooms in June.

Each, **35c**; dozen, **$3.50**; 100, **$25.00**.

Lilium Elegans Mixed

(Lilium Thunbergianum)—Ready October

A very beautiful group of showy Japanese Lilies flowering in June and July and growing 1½ to 2 feet high. The cup-shaped flowers range through the reds and yellows. This is a lily of easy culture, highly recommended for naturalizing, and excellent for rock-gardens. Each, **20c**; dozen, **$2.00**; 100, **$15.00**.

Easter Lily—See Longiflorum Giganteum.

Lilium Hansoni

Ready October

The flowers are a deep orange-yellow shade, spotted brown. It grows three to four feet high, blooming during the latter part of June. Although perfectly hardy, the bulbs, which should be planted six to eight inches deep, require a covering of straw or boughs of trees to keep them from starting into growth too early. Plant in semi-shade. Each, **50c**; dozen, **$4.75**; 100, **$35.00**.

Lilium Henryi

Ready November

A very beautiful lily from central China growing all the way from four feet to eight feet, and often carrying as many as twenty bright orange-yellow, slightly spotted, reddish brown flowers in August. It is one of the very best lilies for general culture; hardy, robust, long-lived, growing in almost any soil and situation, although it requires good drainage.

8 to 9 inch. Each, **35c**; doz., **$3.50**; 100, **$25.00**.
9 to 11 inch. Each, **45c**; doz., **$4.50**; 100, **$30.00**.

LILIES—Continued

Lilium Japonicum

(Formerly Lilium Krameri)—Ready November

The flowers, a lovely shade of pale pink, are tubular, being held in a horizontal position. They first form a wide cup, and then the petals, with their frilly margins, spread out and curl around. Flowers in June. This lily is not an easy garden subject, and is best grown in pots which are kept in the cellar during the winter. Plant five inches deep, in a light, peaty soil which must be well drained.
Each **30c**; dozen, **$3.00**; 100, **$22.00.**

Lilium Longiflorum Giganteum

Easter Lily—Not Hardy—Ready October

This is the lily commonly grown for Easter blooming. Bulbs ready in November. The larger bulbs produce more blooms.
Small bulbs 7-9 inches in circumference. Each, **20c**; dozen, **$2.00**; 100, **$15.00.**
Medium bulbs 8-10 inches in circumference. Each, **30c**; dozen, **$3.00**; 100, **$22.00.**
Mammoth bulbs 9-10 inches in circumference. Each, **45c**; dozen, **$4.50**; 100, **$30.00.**
Jumbo bulbs 10-12 in. in circumference. Each, **55c**; doz., **$5.50**; 100, **$40.00**

Lilium Longiflorum

(Outdoor Easter Lily)—Ready November

Large, tubular flowers of pure white, giving forth a pleasing fragrance. This lily is the same as the Easter lily in appearance, but is a better garden subject, as it can withstand a lower temperature during the winter. Each, **35c**; per three, **$3.50**; per dozen, **$25.00.**

Lilium Pardalinum—Ready October

(Leopard or Panther Lily)—A late June flowering lily of rich scarlet and yellow, spotted rich brown from the Sierra Nevada Mountains of California. One to thirty flowers on a 3-6 foot stem.
Each, **25c**; per dozen, **$2.50**; 100, **$18.00.**

Lilium Philadelphicum—Ready October

(Wild Red Lily, The flowers are three to four inches in diameter, produced one to five on a stem, one to three feet high. The color is bright orange-red, tinged yellow in center and spotted deep purple, with red anthers. Blooms during June and early July.
Each, **20c**; per dozen, **$2.00**; 100, **$15.00.**

Lilium Regale—Ready October

The large, trumpet-shaped flowers are snowy white, with a pure yellow center, while the exterior of the petals is slightly tinged pink. It is a strong grower, attaining the height of three or four feet. The flower, besides being eminently beautiful, possesses a delightful fragrance. The bulb, which should be given good, sharp drainage (as should all lilies), is perfectly hardy, usually presenting a dried, shriveled appearance.
Small Size, 4-6 in. in circumference. Each, **15c**; doz., **$1.50**; 100, **$10.00.**
First Size, 6-7 in. in circumference. Each, **20c**; doz., **$2.00**; 100, **$15.00.**
Select Size, 7-8 in. in circumference. Each, **25c**; doz., **$2.50**; 100, **$18.00.**
Mammoth Size, 8-9 in. in circumference. Each, **35c**; doz., **$3.50**; 100, **$25.00.**
Jumbo Size, 9-10 in. in circumference. Each, **50c**; doz., **$5.00**; 100, **$35.00.**

Lilium Speciosum Rubrum (Magnificum)

(The Lance-Leaved Lily)—Ready November

Thousands being grown each year in greenhouses. The typical form is white, flushed pink, and heavily spotted with carmine. The stem is about four feet high and has fresh, green, lance-shaped leaves, and the frilly flowers face downward and carelessly roll back their petals, while the stamens and pistil curl way out. A very beautiful lily, perfectly hardy, very seldom diseased, and a late August and early September bloomer. Plant the bulbs eight to ten inches deep.
First Size, (8-9), each, **25c**; dozen, **$2.50**; 100, **$18.00.**
Mammoth Size (9-11), each, **30c**; dozen, **$3.00**; 100, **$22.00.**
Jumbo Size (11-13), each **45c**; dozen, **$4.50**; 100, **$30.00.**

Lilium Superbum—Ready October

(American Turk's Cap, Swamp Lily)—The most magnificent and showy of the native North American species, well worthy of extensive culture. This splendid lily produces from one to forty flowers of brilliant orange-scarlet, shaded yellow and spotted purplish brown at the base, with red anthers, in late July and August. Height, 3-8 feet. Each, **20c**; dozen, **$2.00**; 100, **$15.00.**

Lilium Speciosum Album—Ready November

A pure white form of Lilium Rubrum.
First Size (8-9), each, **30c**; dozen, **$3.00**; 100, **$22.00.**
Mammoth Size (9-11), each, **45c**; dozen, **$4.50**; 100, **$30.00.**

Lilium Tenuifolium—Ready October

The lovely Coral Lily of Siberia. A great beauty. The brightest of all lilies. Grows 20 inches high, with finely cut foliage, slender stems and beautifully shaded coral-red flowers. One ought to grow them by the dozen, they are so fine for cutting and making clumps for the lawn. Blooms very early. Each, **20c**; dozen, **$2.00**; 100, **$15.00.**

Lily of the Valley—Ready October

Large Clumps—For outdoor planting, clumps are best to plant. They do best in a shady, moist place. We especially recommend the clumps for outdoors; they give a quicker and better effect at less cost.
Each, **50c**; dozen, **$5.00**; postpaid.

Lilium Candidum

(The Madonna Lily) Now Ready

Legend is rich in praises and reference to the Madonna Lily. It is one of the oldest, loveliest, and best known lilies. A favorite of our grandmothers' gardens, its beauty and fragrance brings back days long past and revives cherished memories. The flowers, of which there are three to twenty on each stem, depending upon the size of bulb planted, are snow-white, with heavy yellow stamens, and of the most delightful fragrance. It is hardy and will thrive in any ordinary soil, preferring plenty of light and air. Blooms in the open ground about June 20th. Orders should, therefore, be mailed on receipt of this Catalogue.

We handle only the thick petaled type which is imported from Northern France.
18-20 CENTIMETERS (7-8 inch circumference) Each **20c**; per dozen, **$2.00**; 100, **$15.00.**
20-22 CENTIMETERS (8-9 inch circumference) each **25c**; per dozen, **$2.50**; 100, **$18.00.**
22-24 CENTIMETERS (9-9½ inch circumference). Each **30c**; dozen, **$3.00**; 100, **$22.00.**
24-26 CENTIMETERS (9½-10½ inch circumference). Each, **35c**; dozen **$3.50**; 100, **$25.00.**
26 CENTIMETERS and over (10½-12 inch circumference). Each **45c**; per dozen, **$4.50**; 100, **$30.00.**
28 CENTIMETERS and up (12-inch circumference and up), Each **55c**; per dozen, **$5.50**; 100, **$40.00.**

Lilium Testaceum

(The Nankeen Lily, Excelsum, Isabellum)—Ready Now

An exquisite lily of unknown hybrid origin, but it is generally conceded to be a cross of the Madonna lily with the scarlet turks-cap, Chalcedonicum. It grows as high as six feet, the basal leaves are large, diminishing in size toward the top as in the Candidum. There are three to ten flowers, three to four inches across. They are nodding, with reflexed, waxy, glistening petals, rounded at the tips, and of a creamy peach color popularly known as Nankeen yellow. The anthers are a reddish orange, a delightful contrast against the cream of the flower. It blooms at the same time as the Madonna lily. The bulb, which should be planted five inches deep, does best when planted early in the fall.
18-20 Centimeters Each, **$1.00.** **22-24 Centimeters** Each, **$1.50.**
26 Centimeters Each, **2.00.** **Supply Limited.**

Lilium—Tigrinum Splendens—Ready October

(Tiger Lily)—Because it is so widely cultivated in this country this lily has come to be looked upon as native, but it originally came from China and Japan. The flowers are orange, spotted purple, opening in August and September on 2-4 foot stems.
Each, **15c**; dozen, **$1.50**; 100, **$10.00.**

Lilium—Tigrinum Flore Pleno—Ready October

(Double Tiger Lily)—Probably the only desirable double flowered lily in cultivation. Colors and habit same as that of Tigrinum Splendens.
Each, **15c**; dozen, **$1.50**; 100, **$10.00.**

Lilium Umbellatum

(Subspecies of Davuricum)—Ready October

This group of lilies is of hybrid origin, resulting in crosses of the frail Lilium Davuricum (an Asiatic lily), with the European species, Croceum, and Bulbiferum. They are early flowering, blooming during the first part of June. Usually attaining the height of two to three feet, they carry four to six flowers of cup-shape.
Grandiflorum—Orange red, very large flowers freely produced.
Each of above, **25c**; per three, **$2.50**; 100, **$18.00.**

Lilium Willmottiae—Ready October

A beautiful and rather rare lily from China. Well grown specimens often carry more than twenty brilliant orange-red flowers, three inches across. The entire plant has a slender, graceful appearance, but still is very sturdy. The flowers are covered wtih very fine dots.
Each, 4 to 6-inch, **55c**; per doz., **$5.50**; 100, **$42.50.**
Each, 6 to 8-inch, **80c**; per doz., **$8.00**; 100, **$60.00.**

Miscellaneous Bulbs

The very first flowers of spring are the minor bulbs, snowdrops, scillas, chionodoxas, crocuses, which come before narcissi. On these pages will be found many other interesting garden treasures, including those fine subjects for rock gardens, erythroniums, brodiaeas and camassias.

Amaryllis Hallii

(Lycoris Squamigera) For Outdoor Planting

Produces in early spring attractive green foliage which grows until July when it ripens off and disappears, and one not familiar with its habits would think the bulb had died, but about a month latter, as if by magic, the flower stalks spring from the ground to a height of two or three feet, developing an umbel of large and beautiful lily-shaped flowers three to four inches across and from eight to twelve in number, of a delicate lilac-pink shaded with clear blue.

Culture—As the bulb is perfectly hardy without any protection it can be planted either in the fall or spring, but we consider fall the best time as the bulbs will have a chance to get established before flowering time. Cover the crown about four inches. Very useful for the border or among shrubbery. Each, **$1.00**; Doz., **$10.00.**

Anemone (Windflower)

They succeed best in light, rich, well-drained loam. Plant in November, or as soon as the ground can be worked in the spring. If planted in the autumn they should be covered with leaves, straw or long manure on the approach of winter.

Special Mixed. Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.**

St. Brigid, a grand strain of Poppy Anemones whose flowers range in color from the deepest crimson to the purest white, embracing such delicate shades as cobalt, scarlet, rose, salmon-pink, and heliotrope. Most are semi-double. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Brodiaeas

Coccinea, The Floral Firecracker, has stems rising to 2 feet, while the flowers are a vivid crimson tipped with pea-green. The resemblance to a bunch of firecrackers catches the eye at once. A group of these bulbs in a mass of ferns or light-foliaged plants is striking, and they do very well potted. They prefer a loose soil, and preferably gritty. Each, **15c**; doz., **$1.60**; 100, **$12.00.**

Calochortus

True Mariposa, or Butterfly Tulips

Cup-shaped flowers, one to many on a stem, marked with eyes and dots and pencilings in rich colors, yet each strain carrying out the plan on a color scheme of its own. "Mariposa" is the Spanish word for butterfly.

El Dorado. The plants of this strain grow from 1 to 2 feet high and branch. The flowers are marvelous in variety. Scarcely two are alike; they may vary through white, lilac to purple and again through shades of pink to deep claret-red. They thrive best in porous soil, sandy or gritty, either in sun or light shade. Flowers are 2 to 4 inches in diameter.

Venustus Citrinus. A most satisfactory hardy species with deep rich yellow flowers with a black eye. Most excellent.

The above: Doz., **75c**; 100, **$5.50**; 1,000, **$50.00.**

Calla Lilies

White, Ready Now. A well-known plant of easy culture for winter bloom, and makes a handsome house or window plant. To aid profuse blooming keep dormant from the middle of June until the last of September; pot on receipt in good, rich soil, using 6 to 8-inch pot, give light and heat in abundance. Both foliage and flowers are attractive in this desirable winter bloomer.

First Size (1¼ to 1½ in.)...Each, **15c**; doz., **$1.50**; 100, **$10.00.**

Select Size (1½ to 1¾ in.)...Each, **25c**; doz., **$2.50**; 100, **$18.00.**

Mammoth (2 to 2½ in.)....Each, **45c**; doz., **$4.50**; 100, **$35.00.**

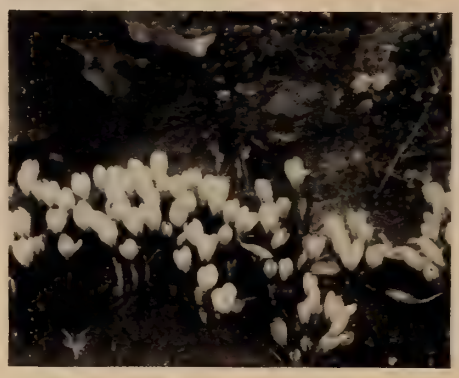
Yellow, Ready in November

New and beautiful variety; same habit of growth as ordinary white Calla; flowers same size and shape, rich, clear, lustrous golden yellow; foliage dark green, with translucent creamy spots, strong bulbs.

First Size (1½ to 2 in.).....Each, **20c**; doz., **$2.00**; 100, **$15.00.**

Mammoth (2 to 2½ in.)....Each, **40c**; doz., **$4.00**; 100, **$30.00.**

Jumbo (2½ in. and up).....Each, **50c**; doz., **$5.00**; 100, **$40.00.**



Spring-Flowering Crocus

One of the earliest flowers to open in Spring, the Crocus, makes an effective show when planted in masses or arranged in groups in a border. They are perfectly hardy and can be left in the ground for several years without being disturbed. The large-flowering named varieties are ornamental when flowered in pots, six or eight bulbs in 5-inch size. Will not flower in too much heat. Plant 1 inch deep.

Baron Von Bruno. Deep purple.
General Gordon. Purple.
Julia Culp. Late flowering large purple.
King of Whites. Large flowered, extra fine.
La Majestuese. White striped purple.
Maximillian. Splendid sky blue.
Mont Blanc. Pure white.
Pallas. White striped light lilac, one of the best.
Purpurea Grandiflora. Dark purple.
Queen Victoria. Pure white.
Select Yellow. Golden yellow.

Any of the above: Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.**

Mammoth Yellow. Largest flowered Golden Yellow. Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

Mixed Blue and Purple Varieties.

Mixed Striped Varieties.

Mixed White Varieties. Large Yellow. Doz., **30c**; 100, **$2.00**; 1,000, **$18.00.**

CROCUS—Vaughan's Special Mixture Giant-Flowered. Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.**

Camassia

Camassia bloom with the late tulips. They are hardy, long lived and vigorous, even under adverse conditions.

Leichtlini, a California species, comes in deep blue and white. Either color, each, **15c**; doz., **$1.50**; 100, **$10.00.**

Esculenta. Light blue flowers borne gracefully erect. The hyacinth-like blooms are pure in color, and will thrive almost anywhere. Height, 18 inches to 2 feet. Each, **10c**; doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

ERYTHRONIUM HENDERSONII

Chionodoxa (Glory of the Snow)

One of our loveliest Spring flowers, when established its sheets of blue in very early Spring are a great attraction in borders, dotted over bulb beds, or massed on rock-work.

Lucillae. Bright blue with large clear white center. Doz., **35c**; 100, **$2.50**; 1,000, **$20.00.**

Sardensis. Intense deep blue. Doz., **35c**; 100, **$2.50**; 1,000, **$20.00.**

Eranthis Hyemalis

(Winter Aconite)

Early in Spring the golden blossoms of Winter Aconite look charming, resting on an emerald-green cushion of leaves, forming a striking contrast to the Snowdrop, Scilla and Chionodoxa. The foliage remains long after the flowers, making the plant especially valuable in moist situations, such as under trees. Eight inches high.

Doz., **50c**; 100, **$3.00**; 1,000, **$25.00.**

Dog's Tooth Violets

(Erythroniums)

If they had no other beauty than that of their richly mottled leaves, they would be well worth a place in the shady corner. Their flowers are 3 inches across, with stems 6 to 18 inches high. The colors run in delicate tints of white, pink, cream, bright yellow and rose. They are hardy in the coldest parts of the United States, and while they are at their best in a loose, gritty soil, rich in leaf mold, they also thrive in the greatest variety of clays, grits and rocky soils. In woodlands, in shaded corners, or in the crevices of rockwork in shade, is the place to naturalize them.

Americanum. This is particularly suitable for shaded corners or the rock-garden. It produces in April, small, lily-like flowers, which vary through white, pink, bright yellow, rose, and cream. The beauty of the flowers is greatly enhanced by the richly mottled leaves. They like a light, rather moist, well-drained soil. The bulbs should be planted about 5 inches deep. Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.**

Californicum has large cream-colored flowers. Leaves richly mottled. Easy to grow, and a large colony is a beautiful sight. Doz., **75c**; 100, **$5.50**; 1,000, **$50.00.**

Citrinum is rather more erect in habit, with flowers almost pure white with strongly contrasting deep citron on lower third. One of the loveliest of all. Per doz., **75c**; 100, **$5.50**; 1,000, **$50.00.**

Grandiflorum robustum is a superb species with flowers of the brightest buttercup yellow. The leaves have no mottling—just plain green. It always attracts attention. Doz., **$1.00**; 100, **$7.00**; 1,000, **$65.00.**

Hendersonii. Like Californicum, but the flowers are a lovely light purple, with centers a deep maroon, almost black. Most striking. Doz., **75c**; 100, **$5.50**; 1,000, **$50.00.**

Revolutum Praecox is an early blooming unusually fine variety. The leaves are mottled in browns, the flowers large and of a very fine rich-cream color, richly banded maroon. One of the finest of all. Per doz., **$1.00**; 100, **$7.00**; 1,000, **$65.00.**

Mixed, All Sorts. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Fritillaria Recurva (Mission Bells).

A beautiful woodland plant from Southern California. 1½ to 2 feet, and producing dainty orange-scarlet flowers. They prefer partial shade and a loose soil.

Doz., **$1.60**; 100, **$12.00**; 1,000, **$110.00.**

Fritillaria Meleagris

Singular dwarf spring-flowering plants, bearing large pendant, bell-shaped flowers of various colors: yellow, white, black, purple, striped and splashed and checkered in the most curious way. Invaluable and exceedingly pretty when grown in large groups in the garden border or wild dry situation.

Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

Fritillaria Imperialis

The Crown Imperial is a stately hardy border-plant, very effective in Spring when grouped in woodlands, wild gardens, orchards. Bell-shaped flowers, orange, red and checkered. Plant 12 inches deep, in well drained location.

Each, **45c**; doz., **$4.50**; 100, **$45.00.**

Ixias

The Ixia colors are rich, the center always differing in color from the petals. Very desirable for pots. If planted outside be sure to cover with straw or leaves.

Named Varieties. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Mixed. Doz., **50c**; 100, **$3.00**; 1,000, **$25.00.**

BLUE GRAPE HYACINTHS

Muscari (Grape Hyacinth)

Beautiful little flowers for planting in masses either in shade or sun. Also adapted for growing indoors. Plant six bulbs in a five-inch pot. Perfectly hardy.

Blue. Pretty little spikes of dark blue flowers; an old garden favorite, used largely for small beds, edging, etc. Doz., **50c**; 100, **$3.00**; 1,000, **$22.50.**

Pure White. This is a beautiful companion to the above, and they make a striking show when planted together. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

Heavenly Blue. The best blue. Doz., **55c**; 100, **$3.50**; 1,000, **$27.50.**

Amethystinus. Loose spikes of beautiful amethyst blue. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Ornithogalum
(Star of Bethlehem, Hardy)

Throws up a tall stem with a cluster of star-shaped flowers; pure white with dark centers. Excellent for cutting, lasting a long time in water. Also very adaptable to pot culture.
Doz., **$1.00**; 100, **$7.00.**

Ranunculus (Buttercup)

Plant in November for early spring bloom in frames. Set 3 or 4 inches apart, pressing firmly into the soil, claws downward, and cover them with sand, then with soil; keep the crown of the tubers two inches under the surface. Water them well.

French Mixed. Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

Scillas (Squills)

As edgings and masses in beds and borders, Scillas are most valuable. They succeed in shady flower borders and bare shady places and odd corners.

SIBERICA (The Blue Squill). Bright blue, nothing more beautiful for edgings or pots in early Spring, flowering with the Snowdrop. Height, 4 inches. **Mammoth Bulbs.** Doz., **60c**; 100, **$3.75**; 1,000, **$32.50.**

Siberica Alba. A white sport of Siberica Blue. Identical in form and easy blooming qualities. Doz., **65c**; 100, **$4.50**; 1,000, **$40.00.**

CAMPANULATA (Clear Blue). Very erect in habit (15 inches). Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.**

Alba. Pure white (12 in.). Doz., **60c**; 100, **$4.00**; 1,000, **$35.00.**

Rosea. Fine rose (15 in.). Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

NUTANS Blue. The true English blue-bell. In its native habitat it abounds in woodlands literally carpeting the ground. Gracefully arching stem carrying many violet blue flowers, opening after most other Scillas are gone. Very hardy. Doz., **50c**; 100, **$3.50**; 1,000, **$30.00.**

NUTANS Alba. Pure white companion to the above, with long arching stem. Beautiful when naturalized in copses, shady walks, etc. Also prized for cutting. Doz., **45c**; 100, **$3.00**; 1,000, **$25.00.**

Spiraea (Astilbe) Ready November

Beautiful, hardy garden subjects, attractive, not only for their gayly colored, feathery plumes, but also for their glaucous foliage. In the perennial border where they flower year after year, increasing rapidly. They will thrive in almost any soil, but prefer heavy ground, and a semi-shade. June and July flowering.

White Varieties. Each, **50c**; doz., **$5.00**; 100, **$40.00.**

Pink Varieties. Each **50c**; doz., **$5.00**; 100, **$40.00.**

SNOWDROP BYZANTINUS

Snowdrops (Galanthus)

Snowdrops flower while Tulips are just sprouting, and when the flowers are over, there remains a groundwork of green foliage.

Single. (Largest Bulbs.) Doz., **55c**; 100, **$3.50**; 1,000, **$27.50.**

Double. (Largest Bulbs.) Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

Byzantinus. The finest Giant Single Snowdrop blooming very early, and producing large, handsome, globular flowers. A very free bloomer, very valuable for indoor culture, for it will flower in January. Doz., **80c**; 100, **$5.50**; 1,000, **$50.00.**

Spring Snowflake
(Leucojum Vernum)

A favorite little early spring flower having drooping, bell-shaped flowers, white, with small brown tips. Once planted in a favorable environment, they come up every spring, bearing more flowers each time. Excellent for rock gardens and naturalizing.
Doz., **$1.00**; 100, **$6.50**; 1,000, **$60.00.**

Hardy Bulbous Iris for the Garden

Dutch Iris

They resemble the Spanish Iris, but their habit of growth is more vigorous, the flowers larger, with conspicuous orange blotches on the wide falls. Buds open at least two weeks before the Spanish Iris, and immediately after the last of the May flowering tulips are gone. Through untiring years of hybridization, they not only surpass the Spanish Iris in size and sturdiness of growth, but also in brilliancy of color.

Adrian Backer. A beautiful, large flowering novelty of uniform lilac purple.

A. Bloemaard. Standards dark purplish blue, falls lighter blue, very large flower, early.

D. Haring. Flowers large, standards white, tinged lavender, Falls creamy white, with conspicuous golden blotch. Very beautiful. Height, 30 inches. Received Award of Merit, Royal Horticultural Society, 1923.

E. B. Garnier. Standards and falls uniform deep blue, the improved Imperator.

Filifolia Imperator. One of the most popular florist's varieties. The flowers are large, dark blue, brilliant orange blotch. Very showy, strong grower, highly recommended. Mulch well the first year. Height 27 inches.

Golden Glory. Standards golden yellow, falls darker. Height, 18 inches.

Hart Nibbrig. Standards brilliant deep blue, falls large, a lovely light azure with golden blotch. Very beautiful. Height, 27 inches.

J. W. De Wilde. Rich golden yellow; handsome. Height, 26 inches.

Leonardo Da Vinci. Lemon yellow standards, yellow falls with rich golden blotch. Beautiful, Height, 25 inches.

Poggenbeeck. Brilliant dark blue.

Therese Schwartze. Flowers large, standards narrow, delicate china-white, falls creamy white, with golden yellow blotch. Height, 27 inches.

White Excelsior. Large beautiful flowers of pure white.

Yellow Queen. Uniform pure yellow. Excellent variety. 6-7 ctms. Doz., **75c**; 100, **$5.00**; 1,000, **$45.00.**

DUTCH IRIS

Spanish Iris

The Spanish Iris begin to bloom just as the bearded Iris are finishing. For vases and bouquets the cut flowers are greatly prized, as they last long when cut, and the buds open well in water. Spanish Iris are easily grown in any good, light soil either in an open or partially shaded situation.

Cajanus. Standards bright canary yellow, falls brilliant yellow, with orange blotch, flowers are very large and handsome. Late. Height, 30 inches.

King of Blues. Dark porcelain blue, falls blotched with orange, large flower. This variety and Cajanus are the most popular Iris of the Spanish group. Height, 26 inches

King of Whites. Pure white with orange blotch. Flowers large and very shapely, standards are frilled. Height, 24 inches.

King of Yellow. Deep soft yellow. Late.

Prince Henry. Large purplish bronze. 5-6 ctms. Doz., **75c**; 100, **$5.00**; 1000, **$45.00.**

Iris Tingitana Wedgewood

For indoor use and protected plantings only. A seedling of the old favorite Tingitana that is just as early, but a much more reliable bloomer. Can be brought into flower in January, as it is the earliest of Iris. A great cut flower. Light blue in color. 10 ctms. up. Doz., **$1.60**; 100, **$12.00.** 1000, **$110.00.**

Iris Reticulata

For Rock Garden. Violet scented, dark blue flowers with gold blotch, one of the most beautiful. Fine for forcing and an excellent border or rock garden plant. Increases quickly. Flowers in March. Each, **40c**; per doz., **$4.00**; 100, **$30.00.**

For complete list of other Irises, including German, Japanese, Siberian and various Iris species, see pages 24 and 25.

Flower Seeds for Fall Sowing

FEW know many of our prettiest and best known annuals may be sown in the fall, in fact some varieties, like the annual Larkspur, are much better, treated in this way. The principle is the one Nature uses. Seed dropped from parent plant will lay dormant in the soil until early in the spring when it germinates and begins a root system long before one can get in the ground to sow seed. Consequently the flowering season is prolonged by the earlier blooming. Ground should be prepared and seed sown just previous to the late heavy frosts. The fall-sown plants as a rule are much sturdier and better established on the blossoming date than those started indoors.

Another advantage of fall sowing is that it relieves pressure in the springtime. **Care should be taken not to sow too early, as the seed will germinate and die in the fall.** Early November is the best time, except for Pansies and Violas, which should be sown in September.

Sweet peas should be heavily mulched with leaves or straw.

ANTIRRHINUM

CALENDULA

195 **Ageratum.** Blue Perfection. Pkt., **10c.**

230 **Agrostemma.** Coeli Rosa (Rose of Heaven). A good cutflower. Pkt., **10c.**

250 **Alyssum.** Sweet. Dainty white flowers, ½ oz., **15c**; pkt., **10c.**

255 **Alyssum.** Vaughan's Little Gem. Snow-white carpet plant. ¼ oz., **25c**; pkt., **10c.**

310 **Anchusa.** Capensis (Summer Forget-me-not). Flowers beautiful blue. ⅛ oz., **25c**; pkt., **10c.**

425 **Antirrhinum.** Vaughan's Special Mixture. ⅛ oz., **25c**; pkt., **15c.**

1070 **Bartonia.** Aurea. Showy golden yellow flowers. Pkt., **10c.**

1170 **Cacalia.** Mixed. ⅛ oz., **25c**; Pkt., **10c.**

1190 **Calendula.** Orange King. Orange flowers. ⅛ oz., **25c**; Pkt., **10c.**

1245 **Calliopsis.** Vaughan's Special Mixture. ¼ oz., **30c**; pkt., **10c.**

1260 **Candytuft.** Giant Hyacinth-Flowered White. ¼ oz., **25c**; pkt., **10c.**

1535 **Centaurea** Cyanus. Vaughan's Special Mixture. ¼ oz., **25c**; pkt., **10c.**

1570 **Centaurea** Imperialis Mixed. Pkt., **10c.**

1790 **Clarkia.** Vaughan's Special Mixture. ⅛ oz., **25c**; pkt., **10c.**

1930 **Cosmidium.** Orange Crown 2 ft. The flowers are golden yellow with a broad circle of a rich orange around the disc, a pleasing combination. Pkt., **10c.**

1950 **Cosmos.** Early Flowering Mammoth mixed. ¼ oz., **20c**; pkt., **10c.**

2015 **Cynoglossum** Amabile. Chinese Forget-Me-Not. 18 to 24 in. A lovely plant producing large sprays of brilliant blue Forget-Me-Not like flowers. ⅛ oz., **25c**; pkt., **15c.**

2305 **Dianthus.** Vaughan's Special Double and Single Mixture. ¼ oz., **30c**; pkt., **10c.**

2415 **Escholtzia.** Vaughan's Special Mixture. ¼ oz., **25c**; pkt., **10c.**

2591 **Godetia.** Gladiolus Flowered Mixed. Pkt., **10c.**

2435 **Euphorbia.** Variegata (Snow on the Mountain). ¼ oz., **25c**; pkt., **10c.**

2680 **Gypsophila.** Elegans Grandiflora Alba. ½ oz., **20c**; pkt., **10c.**

2860 **Hunnemannia.** Fumariaefolia. (Bush Escholtzia.) ¼ oz., **25c**; pkt., **10c.**

2170 **Larkspur.** Vaughan's Special Mixture. ¼ oz., **30c**; pkt., **10c.**

2310 **Lavender Lace Flower.** (Didiscus Coeruleus.) ⅛ oz., **25c**; pkt., **10c.**

3010 **Leptosyne** Stillmani. Golden yellow flowers. Pkt., **10c.**

3019 **Linum.** Grandiflorum Coeruleum. Pkt., **10c.**

3105 **Lupinus.** Tall annual mixed. Pkt., **10c.**

3212 **Matthiola** Bicornis. Evening scented stock. ½ Oz., **30c**; pkt., **10c.**

3380 **Nemophila.** Mixed. Pkt., **10c.**

3390 **Nicotiana** Affinis (Sweet-scented Tobacco plant). ⅛ oz., **25c**; pkt., **10c.**

3420 **Nigella.** Miss Jekyll. Dainty blue. Pkt., **10c.**

3875 **Pansy.** Vaughan's Giant mixture. Pkt., **15c.**

3890 **Pansy.** Vaughan's Improved Swiss Giant Mixture. The flowers are gigantic size, perfectly round and exhibit shades previously unknown in this family. They bloom early in the spring, continuing in flower all summer until late in fall. 1/16 oz., **90c**; pkt., **50c.**

3892 Swiss Alpenglow The color is of a rich velvety garnet with three dark blotches. A most striking and attractive color. Pkt., 200 seeds, 35c.

3891 Swiss Blue (Ullswater) (Thuner Sea). A solid blue flower with a blue black center. Pkt., 200 seeds, **35c.**

3893 Swiss Yellow. Of the true Swiss type. Rich yellow with blotches on the three lower petals. Pkt. 200 seeds, **35c.**

3861 Early Flowering Giant Mixed. This strain will bloom about three weeks earlier than any other strain. It has not a complete color range, only twelve distinct plain shades being represented, but it has made a place for itself because of its early blooming. ⅛ oz., **35c**; pkt., **10c.**

4018 **Petunia.** Rose of Heaven. Brilliant rose with inconspicuous white throat. Pkt., **25c.**

4220 **Phlox** Drummondi. Vaughan's Special Mixture. ⅛ oz., **30c**; pkt., **15c.**

4285 **Poppy.** Shirley Mixed. Beautiful colors in delicate shades of rose, apricot, salmon-pink, and blush to glowing crimson with a sprinkling of blues. Oz., **30c**; pkt., **10c.**

4310 **Poppy.** Vaughan's Special Double and Single mixed. ½ oz., **25c.** pkt., **10c.**

4690 **Sanvitalia** Procumbens **fl. pl.** Small double yellow flowers. Pkt., **10c.**

4691 **Saponaria** Vaccaria Rose. The light graceful sprays of glistening pink flowers are produced in greatest profusion. Pkt., **10c.**

4757 **Schizanthus.** Vaughan's Excelsior Hybrids. Pkt., **25c.**

5595 **Sweet Peas.** Vaughan's Special Mixture. Early flowering. Spencer varieties. Oz., **60c**; pkt , **15c.**

5815 **Virginia Stocks.** Mixed. ½ oz., **15c**; pkt., **10c.**

5805 **Viscaria.** Mixed. ¼ oz., **25c**; pkt., **10c.**

5806 **Viola Cornuta** Alba. Large white flowers Pkt., **10c.**

5807 Admiration. Violet-blue flowers. Pkt., **10c.**

5808 Black Prince. Rich velvety black. Pkt., **10c.**

5809 Blue Perfection. Pale blue flowers. Pkt. **10c.**

5810 Lutea Splendens. Bright yellow. Pkt., **10c.**

5811 Papilio. Flowers soft lavender-purple, lower petals flushed white. Pkt., **10c.**

5812 Rose. Pkt., **10c.**

5813 Vaughan's Improved Scotch Pansies. Produces flowers with "faces," the colors range from pale lavender to deep rich purple, many charming intermediate shades. Pkt., **25c.**

5814 Mixed. ⅛ oz., **35c**; pkt., **10c.**

CALLIOPSIS

ESCHOLTZIA

EUPHORBIA

LARKSPUR

LINUM

Perennials for Fall Planting

HARDY perennials may be set out this fall in time to become well established before winter sets in; and next year will see them better developed, and bearing finer flowers than can be obtained from plants set in your border next spring.

This advantage is accompanied with very little extra risk. We do not list the kinds which need special protection through the winter. It is always well to apply a mulch over newly planted perennials, after the ground has frozen. This will tend to prevent winter thaws and frost heaving. Plants should not be placed where water stands, as excessive dampness in the winter causes rot.

All plants are F. O. B., Chicago.

Plants are shipped with their roots well wrapped; and as packages must go by parcel post or express, it is impossible to make prices which cover postage, and are fair alike to all customers. So all prices in our plant list are F. O. B. Chicago, and if it is desired to have them sent by mail, postage should be added at zone rates. If sent by express, they go collect, at customer's expense.

ACHILLEA (Milfoil, Yarrow)

Achilleas are of easy culture and grow in any good garden soil. They are useful for cutting.

×**Ageratum.** 1 to 2 ft. With Ageratum-like leaves. A pretty alpine of compact habit. Yellow, sweet-scented. 3 for 65c; doz., $2.00; 100, $12.00.

—**Millefolium Kelwayi.** 2 ft. Carmine rose. 3 for 85c; doz., $2.50; 100, $15.00.

—**The Pearl.** June-Aug. White. 2 ft. 3 for 85c; doz., $2.50; 100, $15.00.

—**Ptarmica, Boule de Niege (Ball of Snow).** 2 ft. June-Sept. White. Fine cut flower variety. 3 for $1.00; doz., $3.50; 100, $25.00.

ALYSSUM (Madwort)

Showy spring-flowering plants. Valuable for front row in border or rock garden.

×**Saxatile Compactum.** (Gold Dust.) May-June. Golden yellow. 1 ft. 3 for 65c; doz., $2.00; 100, $12.00.

AQUILEGIA (Columbine)

The Columbine is one of the most beautiful hardy perennials, producing graceful spurred flowers on 2-ft. stems. They are one of the most important of our early hardy flowers and should be grown in quantity, being easy to establish and thriving in almost any situation, best if sheltered but exposed to full sun.

ACHILLEA, The Pearl

×**Mrs. Scott Elliott's Strain of Long-Spurred Hybrids.** The flowers are very large and of distinct shades of blues, lavenders, mauves, whites, creams, pinks, reds, yellows, etc. Many of these colors being entirely new in the species and are the result of very many years careful hybridization. 3 for 85c; doz., $2.50; 100, $15.00.

×**Farquhar Pink.** 2 ft. Beautiful pink flowers with lighter centers and creamy anthers. 3 for 85c, doz., $2.50; 100, $15.00.

Relative Prices Are as follows:

Plants priced at	per dozen	3 supplied for	Each
	$2.00	$0.65	$0.25
	2.50	.85	.35
	3.50	1.00	.45
	4.00	1.25	.50
	4.50	1.35	.55
	5.00	1.50	.65

25 plants of a variety at the 100 rate where listed by the hundred.

Plants by Parcel Post

If to be sent by parcel post add postage as follows: Single plants, 5c; 3 plants, 10c; 6 plants, 15c; 12 plants, 25c. We accept no responsibility for delays or conditions that may prove injurious to the contents.

Plants by Express

We recommend this mode of transit where quantities are over 18 to 24 plants.

Vaughan's "Surprise" Perennial Collection

A truly fascinating collection of carefully selected hardy plants all labeled. We include such well known favorites as Delphinium, Phlox, Aquilegia, Pyrethrum, and choice specimens of any good varieties in which we have surplus stocks. At least 15 different varieties in each "Surprise" collection, our selection of varieties, and all properly labeled.

No. 1 A. Vaughan's "Surprise" Perennial Collection. 25 hardy plants, our selection of varieties for $3.25.

Rock Garden Collections

These collections include desirable varieties each properly labeled. By leaving the selection of varieties to us, we can often send plants from our large stocks of the better varieties. We use great care in assembling these collections and send only plants suitable for rock gardens.

No. 101. Rock Garden Collection. 1 each of 10 varieties for $2.00.

No. 102. Rock Garden Collection. 2 each of 12 varieties for $3.40.

PLANTS FOR ROCK GARDENS

The sign × is placed before varieties especially suited for use in rock gardens.

ANCHUSA

Italica, Dropmore Variety. 5 ft. June-July. Beautiful genetian-blue flowers. Thrives best in partial shade. 3 for 65c; doz., $2.00; 100, $12.00.

×**Myosotidiflora.** 1 ft. A Russian species, bears in April a profusion of pretty pale blue Forget-Me-Not flowers. 3 for 85c; doz., $2.50; 100, $15.00.

ARABIS (Rock Cress)

×**Alpina.** 6 in. The pure white flowers make a pleasing contrast with Alyssum saxatile compactum. 3 for 65c; doz., $2.00; 100, $12.00.

ARENARIA

×**Montana.** 4 in. Grows in close tufts, profusely covered with small silvery white flowers. 3 for 85c; doz., $2.50; 100, $15.00.

ARMERIA (Thrift, Sea Pink)

For front of border, graves or rockery. Dwarf, compact, evergreen foliage. Excellent for cutting.

×**Laucheana.** May-Aug. Rose, 6 in. 3 for 65c; doz. $2.00; 100, $12.00.

ARABIS (Rock Cress)

ASTER Climax

ANTHEMIS (Marguerite)

—**Tinctoria.** Perry's Variety 2 ft. This late introduction is very showy and a splendid cut flower. Large daisy-like, deep lemon flowers in June and throughout the summer 3 for $1.00; doz., $3.50; 100, $20.00.

ARTEMISIA

—**Lactiflora.** 4 to 4½ ft. Sept.-Oct. Spikes of pure white flowers on stout stems. Graceful for table decoration. 3 for 85c; doz., $2.50; 100, $15.00.

ASTER (Michaelmas Daisy)

Used for lighting up the borders and shrubberies with their masses and clouds of dainty and brightly colored blossoms throughout the autumn months.

—**Abendrothe.** 3 to 5 ft. Beautiful deep rose. 3 for 65c; doz., $2.00; 100, $12.00.

—**Climax.** 5 ft. One of the best and showiest, with large, pyramidal spikes of large, light lavender-blue flowers, with gold centers, very free blooming. October-November. 3 for 65c; doz., $2.00; 100, $12.00.

—**White Lady,** 5 ft. Pure white. 3 for 65c; doz., $2.00; 100, $12.00.

—**Mrs. Raynor.** 3½ ft. A very showy variety almost crimson in color and literally covered with large semi-double blooms. 3 for 85c; doz., $2.50; 100, $15.00.

ASTER (Rock Aster)

The dwarf hardy Aster so much in demand for Rock Gardens.

×**Subcoeruleus.** 15 inches. Massive bluish violet flowers. Blooms June and July. 3 for 85c; doz., $2.50; 100, $15.00.

CAMPANULA (Bell-flower)

A large, beautiful and most important family for the flower garden. The dwarf species are charming for rock gardens, being not difficult to cultivate.

×**Carpatica. (Harebell.)** June-Aug. Blue. 1 ft. 3 for 65c; doz., $2.00; 100, $12.00.

×**Carpatica Alba. (Harebell.)** June-Aug. White. 1 ft. 3for 65c; doz., $2.00; 100, $12.00.

—**Persicifolia Coerulea (Peachleaf Bell-flower.)** 2-3 ft. Blue. 3 for 65c; doz., $2.00; 100, $12.00.

—**Persicifolia Alba.** 2-3 ft. White. June. 3 for 65c; doz., $2.00; 100, $12.00.

—**Persicifolia Telham Beauty.** 4 ft. Long stems large globular open flowers, china-blue with silvery shading. 3 for 85c; doz., $2.50; 100, $15.00.

×**Piperii.** June-Aug. Blue. 4-8 in. A new and charming species. 3 for 85c; doz. $2.50; 100, $15.00.

×**Rotundifolia (Blue Bells of Scotland.)** 6-12 in. June-August. Very dainty. 3 for 85c; doz., $2.50; 100, $15.00.

—**Trachelium (Coventry Bells).** 2-3 ft. June. Lavender blue. 3 for 65c; doz., $2.50; 100, $12.00.

CERASTIUM

×**Tomentosum. (Snow in Summer.)** 4-inch. Silvery white foliage. Snow-white flowers in early summer. 3 for 85c; doz., $2.50; 100, $15.00.

COREOPSIS (Tickseed)

One of the most popular hardy plants. The flowers are a rich golden yellow of a beautiful graceful form.

—**Lanceolata grandiflora.** June-Oct. Yellow. 2 ft. 3 for 65c; doz. $2.00; 100, $12.00.

DAISY (Shasta)

—**Alaska.** 2 ft. Wonderful show of large white flowers. Fine for cutting. Blooms all summer. 3 for 65c; doz., $2.00; 100, $12.00.

×**Arcticum (Arctic Daisy).** 1 ft. Oct. A very hardy fall flowering perennial forming an attractive clump of glossy green foliage covered with a mass of white flowers. 3 for 85c; doz., $2.50; 100, $15.00.

—**Elder Daisy.** 2 ft. Flowers 4 or 5 weeks earlier than the Shasta Daisy Alaska. The blooms are smaller with more to a plant. 3 for 65c; doz., $2.00; 100 $12.00.

DELPHINIUM (Perennial Larkspur)

There are many species in cultivation, but the most important are the tall hybrids, of which there are many varieties with a wonderful range of color.

—**Chinese Blue.** 2 ft. Pure blue in branching dwarf spikes. Very graceful for cutting. 3 for 85c; doz., $2.50; 100, $15.00.

—**Belladonna.** Sky-blue. June-Aug. 3 ft. 3 for 85c; doz., $2.50; 100, $15.00.

—**Bellamosum.** This is a dark form of the popular light blue Belladonna in habit and growth, but intensely rich, deep blue flowers. 3 for 85c; doz., $2.50; 100, $15.00.

—**Blackmore and Langdon Strain.** All the clear shades of blue with many delightful opaline variations. all with bees of contrasting colors. 3 for $1.25; doz., $4.00; 100, $25.00.

—**Summer Cloud.** The flowers are pure white. 3 for $1.00; doz., $3.50; 100, $25.00.

—**Vaughan's Gold Medal Hybrids.** A wonderful strain grown especially for us. 3 for $1.00; doz., $3.50; 100, $20.00.

—**Wrexham Hollyhock-flowered Strain.** New giant-flowered strain of superior quality. Flowers in blue, white and pink combinations, many of them bicolor, many of them 1½ to 2 inches in diameter. 3 for $1.50; doz., $5.00; 100, $35.00.

DIANTHUS BARBATUS (Sweet William)

Sweet Williams look well in solid beds of masses and require a good, rich, well manured soil to grow them to perfection. Plants grow 18 to 24 in. high.

Vaughan's Special Mixture, Sweet William. A mixture of all the beautiful varieties here listed and others. Varied and unique coloring and markings. 3 for 65c; doz., $2.00; 100, $12.00.

DIANTHUS (Hardy Garden Pink)

These very desirable sweet-scented, low-growing, early blooming and free flowering hardy garden pinks are unequalled for the borders of beds, carriage drives, and the old-fashioned garden.

—**Atrococcineous.** (Ever-blooming Sweet William). Deep crimson color, semi to fully double flowers, borne on stout stems, 15 to 18 inches high. 3 for 85c; doz., $2.50; 100, $15.00.

—**Plumarius, Vaughan's Special Mixture.** May-Oct. 15 in. 3 for 65c; doz., $2.00; 100, $12.00.

DICENTRA (Dielytra)

(Bleeding Heart or Seal Flower)

—**Spectabilis.** Its long racemes of graceful heart-shaped pink flowers are always attractive. Is perfectly at home in any part of the hardy border and especially valuable for planting in the shade. 3 for $1.00; doz. $3.50; 100, $20 00.

ECHINACEA (Coneflower)

—**Purpurea. (Purple Coneflower.)** 3-4 ft. A very handsome border plant bearing large heads of rosy purple flowers and dark central disc. 3 for 85c; doz., $2.50; 100, $15.00.

ERIGERON (Flea Bane)

Valuable summer flowering plants with elegant single aster-like flowers, much prized for cutting.

—**Speciosus Hyb. Grandiflorus.** June-July. 2 ft. Rich purple. 3 for 85c; doz., $2.50; 100, $15.00.

ERINUS

×**Alpinus.** Pretty rosettes of foliage, rosy purple flowers. A first rate rock plant invaluable for establishing on old walls or between steps. 4 in. May-June. 3 for 85c; doz., $2.50; 100, $15.00.

EUPATORIUM (Thorough Wort)

Coelestinum (Mist Flower or Hardy Ageratum). 2 ft. Sept.-Oct. Light blue. An excellent cut flower. 3 for 85c; doz., $2.50; 100, $15.00.

FUNKIA or DAY LILY

Cordata Aurea Variegata. Blue-green leaves, showing variegated when young. Lilac-blue flowers. August 3 for $1.25; doz., $4.00; 100, $25.00.

—**Coerulea (Lanceolata).** Long, narrow leaves, dull green; lilac-blue flowers during July and August. 3 for 85c; doz., $2.50; 100, $15.00.

Subcordata Grandiflora. Flowers white, large green leaves. 3 for $1.00; doz., $3.50; 100, $20.00.

GYPSOPHILA (Baby's Breath)

GAILLARDIA (Blanket Flower)

Gaillardias are fine for bedding and borders, invaluable as a cut flower. Blooms all summer.

—**Grandiflora Mixed.** June-Oct. Mixed. 1½ ft. 3 for 65c; doz., $2.00; 100, $12.00.

GYPSOPHILA

Fine for cutting and drying for winter bouquets.

—**Paniculata (Baby's Breath).** July-Aug. White. 2-3 ft. 3 for 65c; doz., $2.00; 100, $12.00.

—**Bristol Fairy, New.** Early double pure white large flowering perennial baby's breath. It is a new form, producing a second crop of spikes after the first have been cut. 3 for $1.25; doz., $4.00.

×**Repens.** Dwarf white Baby's Breath. Splendid in rockery. 3 for 65c; doz., $2.00; 100, $12.00.

HELENIUM (Sneezewort)

—**Hoopesii.** 1-3 ft. June. Rich orange-yellow with slightly drooping rays. 3 for 85c; doz., $2.50; 100, $15.00.

—**Riverton Gem.** 2 to 4 ft. Covered from August to October with brilliant old gold and splashes of darker shades, changing later to wall-flower-red. 3 for 85c; doz., $2.50; 100, $15.00.

HEMEROCALLIS (Yellow Day Lily)

The Day Lilies are magnificent hardy plants and will grow anywhere in either partial shade or full sun. The flowers are produced in spikes of from six to a dozen blooms. Good for borders, shrubberies, wild garden or naturalizing in grass.

—**Aureole.** 2 ft. May-June. Deep orange-yellow with bronze reverse.

—**Dr. Regal.** 1½ ft. May-June. Rich orange-yellow.

—**Flava.** 2½ ft. June. Clear yellow, very fragrant.

—**Fulva Kwanso Fl. Pl.** 3 ft. July-August. orange shaded crimson, double.

—**Sovereign.** 2 ft. May-June. Soft chrome-yellow shaded brown on the outside, fragrant.

All above, 3 for 65c; doz., $2.00; 100, $12.00.

HIBISCUS (Rose Mallow) 3 to 5 Feet

Noble, shrub-like plants, with handsome green foliage, bearing throughout summer large bright flowers, from 3 to 5 inches in diameter. Aug.-Sept.

Mallow Marvels, Red, Pink or White. 3 for 65c; doz., $2.00; 100, $12.00.

IBERIS (Perennial Candytuft)

Dwarf evergreen plants, 6 to 10 in. Covered with white blooms in spring and early summer.

×**Sempervirens.** 3 for 85c; doz., $2.50; 100, $15.00.

LATHYRUS LATIFOLIUS (Hardy Pea)

Very decorative climbing vines of the Pea family for growing on fences, trellis, etc. Blooms all summer.

Pink Beauty. Pale pink variety.

Rubra. Bright rosy crimson.

3 for 85c; doz., $2.50;; 100, $15.00.

LINUM (Flax)

—**Perenne Blue.** May-Aug. 2 ft. Has dainty sky-blue flowers on graceful arching stems. Blooms short lived but are produced continuously in profusion. 3 for 85c; doz., $2.50; 100, $15.00.

SEDUM Spectabile

LYSIMACHIA

×**Nummularia (Moneywort).** Creeping Jenny. Long trailing vines. In the spring it is covered with bright yellow flowers which continue at intervals all summer. 3 for 65c; doz., $2.00; 100, $12.00.

LYTHRUM

—**Rose Queen.** 2-3 ft. July-Sept. A remarkably free-blooming variety with long graceful spikes of rosy pink flowers. 3 for 85c; doz., $2.50; 100, $15.00.

MERTENSIA (Blue Bells)

A lovely plant for choice spots in borders, or rock gardens, preferring a southwest aspect; will thrive in any good soil and in the shade.

×**Virginica.** May-June. Light blue. 18 in. 3 for 65c; doz., $2.00; 100, $10.00.

PENTSTEMON (Beard Tongue)

Very showy, growing from 2 to 4 feet high, are rather bushy and have very long, slender spikes which bear many trumpet-shaped flowers with hairy throats.

—**Barbatus Torreyi (Chelone Barbata).** 3½ ft. July-August. Coral red. 3 for 85c; doz., $2.50; 100, $15.00.

—**Pubescens.** Rosy purple. 2 ft. 3 for 85c; doz., $2.50; 100, $15.00.

PHYSALIS FRANCHETTI

Chinese Lantern Plant. 1½ ft. Flowers yellow with dark center. Produces balloon-like husks the second year from seed, which resemble red Chinese lanterns. 3 for 65c; doz., $2.00; 100, $12.00.

PHYSOSTEGIA (False Dragon Head)

—**Grandiflora "Vivid."** One of the best of the late-blooming perennials. Vivid pink. 20 inches. Aug.-Sept. 3 for 85c; doz., $2.50; 100, $15.00.

PAPAVER (Oriental Poppy)

For gorgeous coloring the Oriental Poppies have few rivals among hardy plants. They produce magnificent effect in shrubberies and herbaceous borders. 3 ft. May-June.

—**Mrs. Perry.** Delicate salmon-rose, with black blotches. 3 for $1.00; doz., $3.50; 100, $25.00.

—**Royal Scarlet.** 3 for 85c; doz., $2.50; 100, $15.00.

PLATYCODON (Chinese Bell Flower)

Very handsome border plants of the Campanula family, the flowers in bud having the appearance of inflated balloons; they flower from June to Sept.

—**Grandiflorum.** 1-2 ft. Large, handsome, deep blue flowers. 3 for 65c; doz., $2.00; 100, $12.00.

—**Album.** White. 3 for 65c; doz., $2.00; 100, $12.00.

POLEMONIUM (Jacob's Ladder)

—**Coeruleum (Greek Valerian).** 2 ft. Beautiful sky-blue flowers with golden anthers. April-July. Foliage fern-like. 3 for 65c; doz., $2.00; 100, $12.00.

PYRETHRUM (Painted Daisy)

These are of great value for cut flower purposes, lasting in water longer than any flower we know. They are perfectly hardy, delighting in a cool, moist soil.

—**Roseum, Single Mixed.** June. 1½-2 ft. 3 for 65c; doz., $2.00; 100, $12.00.

RANUNCULUS (Buttercup)

Well-known double yellow buttercup, effective either as a cut flower or grouped in the hardy borders.

—**Acris Fl. Pl. (Double Buttercup).** May-June. Yellow. 3 for 65c ;doz., $2.00; 100, $12.00.

×**Repens Fl. Pl.** Double creeping Buttercup. May-June. 6 in. 3 for 65c; doz., $2.00; 100, $12.00

SALVIA (Sage)

—**Azurea Grandiflora (Meadow Sage).** Sept.-Oct. Deep blue. 4 ft. 3 for 85c; doz., $2.50; 100, $15.00.

SAXIFRAGA (Megasea)

×**Cordifolia.** 1 ft. April-May. Graceful clustered leaves, hyacinth-like pink flowers. 3 for $1.00; doz., $3.50; 100, $20.00.

SEDUM

Fine plants for rock-gardens, ruins, banks and walls, preferring open, loamy soil and stones. They will, however, flourish anywhere in city or country.

×**Acre. (Golden Moss.)** 3 in. May-June. Bright yellow.

×**Album.** 3 in. Thick waxy foliage, white flowers. July.

×**Kamtschaticum.** 6 in. Prostrate green foliage turning yellow in fall. Orange-yellow flowers July.

×**Sexangulare (Hexagon Stone Crop).** Dark green foliage, yellow flowers. May-June.

×**Sieboldii.** 4 in. Round succulent, glaucous foliage; bright pink flowers in August and September. Grows slowly but is probably most beautiful of all sedums. 3 for 85c; doz., $2.50; 100, $15.00.

×**Spectabile, Brilliant.** June-July. Deep rose. 18 in.

×**Stoloniferum.** Pink flowers, 4 in.

Price all Sedums except Sieboldii, 3 for 65c; doz., $2.00; 100, $15.00.

SEMPERVIVUM (Hen and Chickens)

×**Globiferum.** Flattened rosettes 2 to 3 inches diameter, grey-green leaves tipped brown. Pale yellow flowers in June. 3 for 65c; doz., $2.00; 100, $12.00.

VERONICA Speedwell

STOKESIA (Stokes Aster)

Very handsome perennials with flowers like a cross between a china aster and a giant cornflower.

—**Cyanea.** 18 in. July-Oct. Flowers rich blue. 3 for 85c; doz., $2.50; 100, $15.00.

THALICTRUM (Meadow Rue)

The foliage is very finely divided like that of the Maiden-hair fern or Columbine and is useful in making bouquets. The flowers are borne in feathery clusters

—**Flavum.** Common yellow variety. 2-4 ft. June. 3 for 65c; doz., $2.00; 100, $12.00.

—**Glaucum.** Fine cut glaucous foliage. Bronze-yellow flowers in June. 2 ft 3 for 65c; doz., $2.00; 100, $12.00.

TRILLIUM (Wake Robin)

—**Grandiflorum.** 12 in. One of the most beautiful of our native spring-flowering perennials. White flowers with three petal-like segments. Splendid for naturalizing in moist shaded places. 3 for 65c; doz., $1.50; 100, $8.00.

TUNICA

×**Saxifraga.** A pretty tufted plant with light pink flowers, produced all summer. Height, 6 in. A fine rock plant. 3 for 65c; doz., $2.00; 100, $12.00.

VERONICA (Speedwell)

Among the prettiest of herbaceous plants, bearing in most cases blue flowers, which are much needed.

—**Elegans.** 1½ ft. Erect growing, big spikes, pink flowers. July. 3 for 65c; doz., $2.00; 100, $12.00.

×**Incana.** 12 ins. Silvery foliage. Spikes blue flowers in June. 3 for 85c; doz., $2.50; 100, $15.00.

×**Repens.** Dwarf. Ground covering, blue. 3 for 65c; doz., $2.00; 100, $12.00.

—**Spicata.** 2 ft. July-Aug. Small spikes of rich blue flowers. 3 for 65c; doz., $2.00; 100, $12.00.

Hardy Phlox

Phlox Decussata

From the early part of July to the middle of September phloxes dominate in the perennial border. They grow to heights varying from 1 to 3 and even 4 feet. If the first flower spikes are cut off as soon as over, and the plants are given a good soaking, a second crop of bloom may be expected.

The purple, lavender and orange colored ones should be planted in semi-shade, as the sun often bleaches out the colors in a short time.

Baron Von Dedem. Brilliant orange scarlet with carmine eye. 3 for 85c; doz., $2.50; 100, $15.00.

Beacon. Bright cherry red, strong grower. 3 for 85c; doz., $2.50; 100, $15.00.

Bridesmaid. Pure white with large crimson-carmine eye. 3 for 85c; doz., $2.50; 100, $15.00.

Champs Elysses (Dwarf). Deep rosy-magenta. A strong vivid color. 3 for 85c; doz., $2.50; 100, $15.00.

Goliath. Bright carmine flowers, shaded light purple. 3 for 85c; doz., $2.50; 100, $15.00.

B. Comté. Wine purple of satiny sheen. 3 for $1.00; doz., $3.50; 100, $20.00.

Hindenberg. Conceded deepest red of all phlox. Large trusses. 3 for $1.25; doz., $4.00; 100, $30.00.

La Vague. Pure mauve with aniline red eye. 3 for 65c; doz., $2.00; 100, $12.00.

La Mahdi. The best deep purple, large flower heads. The rich purple affords a pleasing contrast with other colors. 3 for $1.00; doz., $3.50; 100, $20.00.

Lord Raleigh (Dwarf). Deep mauve, blooms late. 3 for $1.00; doz., $3.50; 100, $20.00.

Mrs. Chas. Dorr. Tall, vigorous lavender. 3 for 65c; doz., $2.00; 100, $12.00.

Mrs. Jenkins. Early free flowering white with large panicles of bloom. 3 for 85c; doz., $2.50; 100, $15.00.

Miss Von Lassberg. The purest snow-white in cultivation. Extra fine. Large open truss, ideal as cut flowers. 3 for 85c; doz., $3.50; 100, $15.00.

Rheinlander. A rare shade of salmon pink intensified by a claret red eye. 3 for 85c; doz., $2.50; 100, $15.00.

Thor. A splendid variety of a lovely shade of deep salmon-pink suffused and overlaid with a scarlet glow. 3 for 65c; doz., $2.00; 100, $12.00.

Riverton Jewel. A lovely mauve-rose illuminated by a brilliant carmine red eye. 3 for 85c; doz., $2.50; 100, $15.00.

R. P. Struthers. Rosy carmine with claret eye. 3 for 85c; doz., $2.50; 100, $15.00.

Special French. Lovely blush pink, salmon eye Strong grower, heavy hydrangea-like blooms. 3 for $1.50; doz., $5.00; 100, $35.00.

Von Hochberg. Large size blood red blooms. 3 for $1.50; doz., $5.00; 100, $35.00.

Mixed. 1-year field-grown plants of a choice mixture of colors. Un-named varieties. Our selection. 3 for 65c; doz., $2.00; 100, $12.00.

Special Offer No. 23. One each of 10 varieties, our selection from above. All labeled for $2.25.

Special Offer No. 23A. One each of 6 varieties our selection. Distinctly labeled for $1.50.

Dwarf and Alpine Phlox

×**Amoena.** Charming native variety, bright pink flowers. 6 in. April-May. 3 for 85c; doz., $2.50; 100, $15.00.

×**Divaricata Canadensis.** Worthy of extensive planting, commencing to bloom early in April, with large, fragrant, lavender flowers on stems 10 inches high. 3 for 65c; doz., $2.00; 100, $12.00.

×**Subulata Alba.** A compact mass of elegant prostrate foliage, dainty white flowers in May; height 4 in. 3 for 65c; doz., $2.00; 100, $12.00.

×**Subulata Lilacena.** Moss-like foliage of prostrate growth completely covered with pale lilac blooms in May. 3 for 65c; doz., $2.00; 100, $12.00.

×**Subulata Rosea.** Same as above, but dainty pink flowers. 3 for 65c; doz., $2.00; 100, $12.00.

JAPANESE IRIS

The most delicate and elegant of all small flowered Irises. They grow on tall stems, have graceful, grass-like foliage, and are excellent for cutting. Always ornamental.

SIBERIAN IRIS

TALL BEARDED IRIS

Vaughan's Irises

PLANTS BY PARCEL POST—If to be sent by parcel post, add postage as follows: Single plants, 5c; 3 plants, 10c; 6 plants, 15c; 12 plants, 25c. We accept no responsibility for delays or conditions that may prove injurious to the contents.

PLANTS BY EXPRESS—We recommend this mode of transit where quantities are over 18 to 24 plants. We pack carefully, but accept no responsibility for delays over which we have no control that may cause injury to the contents.

"S" refers to the three standard, or upright curling petals; "F" to falls or drooping petals.

The figures preceding the varieties are the exhibition rating given to them by the Iris Society, 10 being the highest rating used in judging.

Iris are the most effective if planted 3 of a kind in a clump.

Relative Prices (except where noted)

25c varieties supplied 3 of one kind for 50c.

35c varieties supplied 3 of one kind for 70c.

50c varieties supplied 3 of one kind for $1.00.

75c varieties supplied 3 of one kind for $1.50.

$1.00 varieties supplied 3 of one kind for $2.50.

NEW VARIETIES AND NOVELTIES

8.1 **Ariadne.** 38 in. A beautiful flower of good substance; S. pure silvery light blue, with waved edges; F. deeper blue with violet base. 75c.

9.2 **Asia.** 45 in. One of the most beautiful and finest Irises in cultivation. S. pale silvery lavender deepening at the base to golden yellow. F. pale reddish purple, lighter at the edges. Flowers exceptionally large. Late. 50c.

7.4 **Autumn King.** 30 in. A blue-purple bicolor of fine size and shape that has a habit of blooming a second time in the autumn. 50c.

Baldwin. 40 in. Finely formed flowers of a uniform manganese violet color. A Sass variety of gigantic size and outstanding quality. $2.00.

8.4 **Canopus.** 36 in. A wonderful Dominion seedling. S. reddish violet, broad and finely arching; F. rich pansy violet. Large flowers. 50c.

8.4 **Caroline E. Stringer.** 33 in. Large delicate rose-flushed flowers of exceptional substance. Strong vigorous plant and free bloomer. 50c.

8.2 **Chasseur.** 36 in. Beautiful cream-colored buds marked with gold and brown and large, artistically formed flowers with broad standards and well-rounded falls of clear yellow, shaded lighter at the center. 50c.

Cinnabar. 42 in. A beautiful large flower of perfect form and deep, rich velvety red tone. Of great substance, being able to withstand rain, wind and hot sunshine without being impaired. Very vigorous and floriferous. $2.00.

9.3 **Dolly Madison.** 38 in. S. mauvette shading to yellow at base; F. lilac tinged old gold at haft. Sometimes described as a Glorified Quaker Lady. Very fine as its high rating indicates. $1.50.

8.8 **Dominion.** 30 in. An outstanding Iris because of its wonderful rich coloring and extraordinary development of the falls. S. Dauphin's blue or light bluish violet; F. deep indigo-purple well expanded. $1.50.

Elizabeth Egelberg. 48 in. A sensational new Iris that is best described as a lighter and pinker Magnifica. The flowers are enormous with tall, dome-shaped standards and flaring falls. Hardy and vigorous growing. $5.00.

8.0 **Folkwang.** 30 in. S. light rose-pink; F. claret-red with conspicuous veining of brownish yellow, edged rose-pink. Beautiful color blend. 75c.

Fragonard. 36 in. An exquisite pink-toned Iris that is hard to describe S. lustrous rose-pink; F. deeper tone. Very beautiful. $2.00.

8.9 **Frieda Mohr.** 42 in. A gigantic pink toned Iris that measures 6½ inches from the top of the standards to the tip of the falls and 6 inches horizontally. The flower is of perfect form, good texture and brilliant coloring; very stately and beautiful and one of the very best of the "pinks." Exquisite locust-like perfume. $1.50; 3 for $3.75.

8.3 **George Yeld.** 40 in. An outstanding variety with a new combination of colors. S. bright apricot; F. brilliant rose-crimson, edged buff. 50c.

9.1 **Germaine Perthuis.** 36 in. An enormous, rich violet purple, self-lighted by a striking yellow beard. Flowers have a wonderful velvety appearance and are deliciously scented. A descendent of S. de Mad. Gaudichau. $1.00.

8.5 **Jubilee.** 30 in. A large ruffled flower of extra heavy substance. S. buff or rich peach color; F. cream white, margined and flecked deep copper. 50c.

King Tut. 34 in. S. brown suffused with red; F. velvety glowing brownish-red. Large flowers of beautiful coloring. $3.00.

Labor. 36 in. An extraordinary Iris of an absolutely new color. S. dark violet heliotrope suffused with a soft coppery glow; F. deeper shade. A beautifully colored new Iris that is highly rated in England. $1.50.

Le Correge. 42 in. S. light bronze suffused with lavender and rose; F. bright, dark velvety red. Orange beard. A large, finely formed flower of more brilliant coloring than Ambassadeur. Fragrant. $2.00.

8.8 **Leonato.** 48 in. An unusually fine Iris with exceedingly large and shapely fragrant flowers. Color pale lavender to silvery heliotrope. 75c.

8.6 **Leverrier.** 42 in. S. light purple; F. rich velvety pansy-violet. A magnificent Iris of vigorous growth, producing its mammoth flowers on tall-branching stems. 50c.

8.8 **Majestic.** 42 in. Dominion Seedling. Very large flowers of fine form, good substance and lasting quality. S. circular and arching, light lavender to mauve; F. very rich velvety raisin-purple. 50c.

9.0 **Micheline Charriere.** 54 in. A perfect white Iris with beautiful golden recticulations. Flowers are very large, of fine form and the greatest substance, on tall firm stems. Delicious carnation fragrance. $1.00.

Midgard. 36 in. One of the new varieties introduced by Mr. Sass. Exceptionally large flowers of a yellow and pink blend of indescribable beauty, $1.50

8.1 **Midwest.** 30 in. Beautifully ruffled flower flushed and dotted purple on a white ground. 50c.

9.1 **Morning Splendor.** 48 in. S. petunia violet; F. rich raisin-purple. Gives a beautiful red effect in the garden; delightfully fragrant. 50c.

Mrs. Albert Sherman Hoyt. 27 in. A beautiful Iris of large size and perhaps the most ruffled of all varieties. S. pale pink, of heavy substance, ruffled; white veined and dotted pink on edge and haft, ruffled and flaring. $1.00.

Nebraska. 34 in. Fine large flowers of rich apricot yellow. The standards are ruffled and the falls striped and clouded brown. Very beautiful. $1.50.

8.3 **Robert W. Wallace.** 40 in. A magnificent dark pallida of richest red-purple coloring. A glorified Archeveque on a tall well-branched stem. $1.00.

9.1 **Santa Barbara.** 40 in. A gigantic light blue self of perfect form with flaring falls. An outstanding variety and one of the finest of its color. 75c.

9.2 **Sir Michael.** 48 in. A striking Iris, considered by many the finest blue bicolor. S. opalescent lavender-blue; F. rich deep velvety purple; brilliant red gold beard. A magnificent grower with strong widely branched stems. $4.50.

9.2 **Souv. de Loetitia Michaud.** 48 in. Magnificent flowers of an attractive shade of lobelia blue, shading toward the edge to pale blue. $1.00.

8.8 **Tenebrae.** 36 in. A richly colored Dominion seedling. S. deep violet-purple; F. velvety black-purple. Large finely formed flowers. 50c.

8.4 **Titan.** 36 in. A Dominion Seedling with flowers of enormous size. S. light violet-blue, broad and arching; F. violet-purple. 50c.

8.8 **True Charm.** 40 in. Fine large flowers with the margins delicately etched lavender blue. A delightful flower; fragrant. 50c.

8.5 **Valencia.** 30 in. A bright orange-buff, similar to the color of the Valencia orange. A very charming new color. 50c.

IRISES—Continued

8.9 **Vesper Gold.** 42 in. A new distinct yellow suffused with violaceous reflections. Bright orange beard. A beautiful Iris with arching standards and flaring falls. Strong growing. Late. 75c.
8.9 **Wm. Mohr.** 26 in. One of the most remarkable Irises ever raised. The ground color is pale lilac, the standards flushed darker, and the whole flower is beautifully veined manganese-violet. The flower is of large size, has great substance and is of perfect form. $2.50.
8.0 **Wild Rose.** 33 in. A charming pink flower of smooth satiny texture, in some lights almost the exact shade of the Prairie Rose. 50c.
8.7 **Yolande.** 40 in. A seedling of Souv. de Mad. Gaudichau of a wonderful shade of rich, velvety dark blue-purple. Very large flowers. 50c.

Special Offer No. 32H One each Asia, Chasseur, Frieda Mohr, Germaine Perthius, Labor, Micheline Charriere, Morning Splendor, and Santa Barbara (value $7.25) for **$5.00.**

TWENTY OF THE WORLD'S FINEST VARIETIES

9.2 **Ambassadeur.** 40 in. S. smoky bronze; F. dark velvety maroon. Voted by the American Iris Society the most popular Iris in the world. Late. 25c.
9.0 **Ballerine.** 48 in. One of the best of the light blue toned varieties. S. light violet-blue with waved edges; F. slightly deeper. Fragrant. 50c.
8.4 **Dream.** 36 in. A very lovely, orchid-like flower of a soft clear pink. Of graceful Pallida habits, vigorous in growth and free flowering. 25c.
8.6 **Gold Imperial.** 33 in. Brilliant chrome yellow throughout except for conspicuous orange beard. A fine Iris of rare texture and form. 35c.
8.3 **Imperator.** 36 in. A large red toned Iris that adds a bright note to the garden. S. reddish-violet tinted buff; F. deeper shade. Late. 35c.
8.0 **Lady Byng.** 36 in. A beautiful Iris of exceptionally fine form and substance. Color a clear pale lavender with a slight suffusion of rose. 25c.
8.8 **Lord of June.** 40 in. S. flappy lavender-blue; F. rich violet-blue. Flowers exceedingly large and handsome; bold and vigorous habit. 25c.
8.7 **Magnifica.** 44 in. S. light purple on white; F. dark reddish purple. Flowers of heavy texture. measuring 6 inches high. Fragrant. 50c.
8.4 **Medrano.** 30 in. S. and F. a beautiful dark smoky claret, a very rare color. Flowers of large size. Late. 25c.
8.6 **Mildred Presby.** S. white; F. rich, dark, velvety pansy-violet with narrow edge of lavender white. Large flowers of clear coloring. 35c.
8.8 **Mlle. Schwartz.** 48 in. Lovely pale mauve flowers of exceptionally large size, borne on very tall branching stems. 35c.
8.4 **Mother of Pearl.** 48 in. A pale bluish lavender flower of exceptional substance and lustrous texture. A wonderful Iris; free flowering. 25c.
8.3 **Ochracea (Sunset).** S. dull old gold; F. coppery yellow, tinged with purple. Flowers of wonderful coloring and artistic form. Late. 35c.
9.0 **Princess Beatrice.** 40 in. A selected form of Pallida Dalmatica and one of the finest of all Irises. Silvery lavender of satiny texture. 35c.
8.1 **Prospero.** 48 in. A vigorous tall-growing variety bearing enormous flowers of fine shape. Similar to Lent A. Williamson but of lighter coloring. 35c.
8.8 **Queen Caterina.** 40 in. Pale lavender violet with a smooth iridescent sheen and bright orange beard. A beautifully colored Iris. 25c.
8.4 **Shekinah.** 36 in. Clear soft yellow, shaded deeper through the center. One of the finest of yellow Irises and the first of Pallida growth. 25c.
9.1 **Souv. de Mad. Gaudichau.** 40 in. This is without a doubt the most beautiful of all the deep purple Iris. Large flowers of rich velvety purple. 35c.
8.5 **Susan Bliss.** 42 in. Exquisite flowers of a uniform shade of deep rose-pink with a light orange beard. Fine shape and of splendid substance. 35c.
8.2 **Taj Mahal.** 38 in. A very fine white of good shape and great substance borne on tall, well-balanced stalks. Vigorous grower. 35c.

Special Offer No. 32I One each Ambassadeur, Ballerine, Dream, Gold Imperial, Imperator, Lady Byng, Medrano, Princess Beatrice, Prospero, Queen Caterina, Souv. de Mad. Gaudichau and Taj Mahal (value $3.85) for **$3.00**; 3 each for **$6.00.**

TWENTY SPLENDID STANDARD VARIETIES

Price any of the following: Each 25c; 3 of one kind for 50c; 10 of one kind for $1.50.

8.6 **Alcazar.** 40 in. S. bluish-violet; F. purple-crimson. Large and fragrant.
7.6 **Ben Bow.** 36 in. Deep violet-blue of Pallida form. Very fine color.
8.4 **B. Y. Morrison.** 33 in. S. pale lavender-violet; F. horizontal, velvety purple.
7.9 **Cecil Minturn.** 24 in. A beautiful flower of a soft shade of cattleya rose.
8.0 **Cluny.** 48 in. S. wisteria-violet; F. soft, bluish violet; large flowers.
8.5 **Crusader.** 42 in. A very striking flower of brilliant clear blue.
8.1 **Empress of India.** Beautiful flowers of violet-blue. Deliciously fragrant.
8.0 **Iris King.** 24 in. S. old gold; F. velvety crimson. Very rich coloring.
8.3 **Isoline.** 36 in. S. lilac-pink; F. purplish old rose. Handsome flowers.
8.0 **Kalos.** 32 in. An exquisite white Iris lightly veined and flecked pale rose.
8.8 **Lent A. Williamson.** 42 in. S. campanula violet; F. velvety royal purple; early.
7.9 **Neptune.** 42 in. S. bluish violet; F. violet. Large attractive flowers.
8.2 **Opera.** 28 in. S. reddish-purple; F. purple-violet. Wonderful coloring.
8.6 **Prosper Laugier.** 36 in. S. fiery bronze; F. velvety ruby-purple.
8.0 **Rosalba.** 36 in. S. rich wine-red; F. deeper tone.
7.4 **Roseway.** 36 in. Deep red-pink Pallida. Early. Strong branching stalks.
8.3 **Seminole.** 30 in. S. soft violet-rose; F. velvety crimson. Outstanding.
8.5 **Sweet Lavender.** 36 in. S. pale lavender; F. deep rose-lavender, very broad and horizontal. A lovely Iris with fine fragrance. Late.
7.8 **Troost.** 30 in. S. rosy purple; F. lighter, veined violet. Bright pink effect.
7.9 **White Knight.** 24 in. A beautiful snow-white Iris; scented.

Special Offer No. 32J One each of 12 of the above named varieties, your selection, labeled, (value $3.00) for **$2.00**; 3 each for **$4.00.**

GOOD STANDARD VARIETIES AT BARGAIN PRICES

Price, any of the following: Each, 25c; 3 of one kind for 50c; 10 of one kind for $1.50; 25 of one kind for $2.00.

7.9 **Archeveque.** 24 in. Deep velvety violet-purple. An exquisite Iris.
7.1 **Caprice.** 24 in. S. reddish purple; F. deeper grape fragrance.
8.2 **Corrida.** 36 in. Beautiful shade of aniline-blue; very free flowering and late.
7.6 **Dalila.** 24 in. S. pale flesh white; F. rich red-purple. Beautiful.
7.7 **Dejazet.** 25 in. S. bronze rose; F. reddish violet; large flower. Early.
7.8 **Edouard Michel.** 36 in. Deep violet-red. Large frilled flowers.
8.0 **Fairy.** 40 in. A dainty white. Very fragrant.
7.6 **Florentina Alba.** 30 in. A very good early white.
7.8 **Grevin.** 26 in. S. violet shaded yellow; F. wine-red. Late.
7.3 **Jeanne d'Arc.** 30 in. White, edged lavender. Very dainty and charming.
7.5 **Juniata.** 42 in. Large flowers of clear deep blue. Very sweet scented.
7.8 **La Neige.** 24 in. Pure glistening ivory white with horizontal falls.
7.6 **Lohengrin.** 36 in. Large, handsome pink silvery mauve flowers.
7.3 **Loreley.** 32 in. S. light yellow; F. purple bordered cream. Free flowering.
7.9 **Miranda.** 36 in. An early variety of clear violet-blue.
8.1 **Mme. Chobaut.** 36 in. White, dotted and shaded yellow, lavender and wine-red.
7.9 **Moliere.** 28 in. S. violet; F. deep velvety violet; yellow beard. Early.
7.4 **Monsignor.** 24 in. S. bluish lavender; F violet. Blooms a long time.
7.7 **Mrs. Hetty Matson.** 36 in. S. purple faun; F. broad, rich crimson purple.
7.5 **Mrs. Walter Brewster.** 36 in. S. lavender blue; F. analine blue. Late.
7.7 **Parc de Neuilly.** 30 in. Large, rich violet purple self. Late.
7.2 **Quaker Lady.** 38 in. Smoky lavender blue with yellow shadings. Attractive.
7.1 **Queen of May.** 30 in. Lilac pink. A fine old variety; fragrant. Early.
7.4 **Raffet.** 30 in. S. violet; F. darker with velvety veinings. Very late.
8.2 **Rhein Nixe.** 36 in. S. white; F. rich violet-purple. A charming flower.
7.6 **Rotorua.** 36 in. Large pale lavender-blue flowers. Profuse bloomer.
7.7 **Sherwin Wright.** 26 in. Deep golden sellow. Prolific bloomer.
7.2 **Stormcloud.** 36 in. Large flowers of grayish slate-blue with bronze shadings.
8.0 **Zwanenburg.** 20 in. S. cream, stripped maroon; F. dark olive-brown. Early.
7.4 **W. J. Fryer.** 30 in. S. bright yellow; F. deep maroon with yellow border.

Special Offer No. 32K One each of 10 of the above named varieties, our selection, without labels (value $2.50), for **$1.00**; 3 each for **$2.00.**

Special Offer No. 32L Five each of ten of the above named varieties, 50 plants, our selection, labeled, for **$3.00.**

JAPANESE IRISES (Kaempferi)

The last of the Iris Species to bloom and the most beautiful, their remarkable flowers, generally rather flat and wide, appearing in June and July. Plant in a sunny and moist location, but not where water will stand.

Gold Bound. Double. White with gold-banded center. Earliest to bloom.
Kumochi-Guma. A very full double of dark purplish indigo. Midseason.
Kumo-No-Obi (Band of Cloud). A beautiful double of pleasing lavender effect.
Mahogany. Large double flowers of velvety-mahogany red. Late.
Momigi-No-Taki (Maple Waterfall). Bright rosy crimson feathered in white. D.
Purple and Gold. An enormous double of rich violet-purple with gold center.
Uchiu. Cerulean blue, veined white; gold center. Blooms a long time. Double.
Zama-No-Mori. White slightly shaded azure blue. A large, daintily colored single.
Price of above, except where noted, each 35c; 3 for 70; 10 for $2.00.
Mixed Seedlings. Each, 25c; 3 for 50c.; 10 for $1.25; clumps, each. 50c.

Special Offer No. 32M One each of the above 8 named Japanese Irises for **$2.00**; 3 each for **$4.00.**

DWARF IRISES

Cristata (Crested Iris). Early. A dainty dwarf creeping variety with large blue flowers. Fine for use in the rock garden. 25c.
Pumila Hybrida. Dwarf varieties, growing from 6 to 8 inches high, that bloom two weeks in advance of the tall bearded Iris. Suitable for rock gardens or borders.
Cyanea. Rich royal purple with black shading. Fragrant. 25c.
Dixmude. S. analine blue; F. rich crimson-purple. White throat, veined purple. 35c.
Orange Queen. Clear deep yellow with orange beard. 35c.
Spring Skies. Lovely pale blue flowers the shade of the Belladonna Larkspur. 50c.
Schneekuppe. Fragrant white. 25c.

VARIOUS BEARDLESS IRISES

These varieties bloom after the German Irises are gone and before the Japanese Irises open.

Dorothy K. Williamson. 33 in. A rich velvety royal purple flower of intense color. One of the finest beardless Irises. Plant in moist, well-drained soil. 25c.
Fulva. 18 in An interesting species with beautiful coppery red flowers in middle June. Very unusual. Likes semi-shade. 75c.
Lord Wolseley. 40 in. Large, handsome flowers of blue-purple color. Very hardy and vigorous. One of the best. 75c.
Ochroleuca Gigantea. 60 in. A giant form of Ochroleuca with large ivory white flowers marked yellow at the throat. Long slender foliage. $1.00.
Pseudoacorus (Common Yellow Water Flag). 48 in. Bright yellow. Fine for waterside planting. Will succeed where water stands or in dry locations. 25c.
Versicolor (Common American Water Flag). 24 in. Showy violet-blue, remaining in bloom for a long time. Good for waterside plantings. 25c.

SIBERIAN IRISES

Butterfly. 36 in. Lovely porcelain blue flowers; vigorous grower. 35c.
Emperor. 48 in. Large flowers of a deep, rich violet-blue. Very fine. 50c.
George Wallace. 46 in. Azure-blue, F. marked white. A popular early variety. 25c.
Kingfisher Blue. 42 in. Sky-blue flowers that are larger and more brilliant than Perry's Blue. 75c.
Perry's Blue. 48 in. Large, well formed flowers of a beautiful shade of sky-blue. One of the most popular and finest of Siberian Iris. 35c.
Orientalis. 24 in. Rich deep purple. Fine for naturalized plantings. Each, 25c; 3 for 50c; 10 for $1.50; 100 for $10.00.
Snow Queen. 30 in. Large, ivory white with rich yellow blotch at the throat. 35c.

Special Offer No. 32N One each of Emperor, George Wallace, Perry's Blue and Snow Queen for **$1.00**; 3 each for **$2.00.**

The Beardless, Japanese and Siberian Irises, unlike the Bearded Irises, prefer an acid soil and deep planting (about 2 inches.) Peat Moss is excellent to use in the beds in which they are planted.

Special Offer No. 32O **Two Months of Iris Blooms.** 3 Dwarf Bearded, 6 Tall Bearded, 3 Siberian, 3 Beardless, and 3 Japanese, all different varieties, our selection, labeled, 18 plants (value $5.00) for **$3.00.**

Vaughan's Peonies

PEONIES, especially the modern introductions, are probably the most valuable, and most beloved of all perennial plants. Planted in sun or semi-shade in single clumps or long beds; or bordering lawns, shrub rows, and carriage drives, they give a grand display of large fragrant blossoms of brilliant colors during June, followed by their exquisite foliage which is very ornamental during summer months. They are also most effective for home and table decorations, and last longer in water than many other perennials. Avoid buying cheap Peonies; they require just as much care as the better kinds, and are disappointing in the end.

Planting. Peonies may be planted from September first until May. Orders should be sent in at once so that we can forward when weather permits. Avoid planting too deeply, as this is often the cause of shy blooming, 2 or 3 inches of soil over the crown (eyes) being sufficient. We offer **Divided roots,** (D) natural divisions, having 3 to 5 eyes of blooming size.

The figures preceding the varieties are the rating given to them by the American Peony Society, based on a scale giving 10 points for perfection.

Peonies in the Little Garden. By Mrs. Edward Harding. This is a delightfully written book which epitomizes the experience of years, and provides entertainment, instruction and inspiration for the peony admirer. Postpaid, **$1.80.**

Roots by Parcel Post.—If to be sent by parcel post, add postage as follows: Single roots, **8c**; two roots, **12c**; 3 roots, **16c.**

RELATIVE PRICES

50c varieties supplied 3 of any kind for	**$1.25**
75c varieties supplied 3 of any kind for	**1.75**
$1.00 varieties supplied 3 of any kind for	**2.00**
$1.50 varieties supplied 3 of any kind for	**3.50**
$2.00 varieties supplied 3 of any kind for	**5.00**

Un-named Peonies

Double White—
35c; 10, $2.50.

Double Red—
35c; 10, $2.50.

Double Pink—
35c; 10, $2.50.

Special Offer 32G

1 Unnamed Double White.
2 Unnamed Double Pink.
1 Unnamed Double Red.
4 Peonies (Value $1.40), postpaid for **$1.00.**

1. FESTIVA MAXIMA
2. EDULIS SUPERBA
3. M. JULES ELIE
4. FELIX CROUSSE

Collection 32F. One each of the above, (value $2.25) for **$1.75.**

Light and Dark Pink and Rose

7.1 **Alexander Dumas.** Light violet-rose, medium size. A creamy white collar of narrow petals mingled with the white outer petals. A good producer. Early midseason. **50c.**

8.7 **Claire Dubois.** Very large, double, globular flowers; color rich clear satiny pink, with glossy reflex. Late midseason. **75c.**

7.7 **Dorchester.** Delicate salmon pink, a rare color. Dwarf. Very late. **50c.**

7.6 **Edulis Superba.** Usually blooms on Decoration Day. Bright clear mauve-pink, with silvery reflex. Large and fragrant. **50c.**

9.1 **Edwin C. Shaw.** Large, cup-shaped flowers of clear shell-pink on strong stems. Very lovely and deliciously fragrant. Late midseason. **$5.00.**

8.5 **Exquisite.** Semi-double flowers of bright cherry rose, tipped silvery white. Golden stamens. Midseason. Fine garden variety. Each, **$1.00.**

8.9 **Georgiana Shaylor.** Large, flat, pale rose-pink with a few flecks of crimson. Strong grower and midseason bloomer. D, **$1.50.**

7.9 **Jeanne d'Arc.** Collar, cream-white, shaded with sulphur. Guards, pale lilac-rose, and full high brilliant pink center, with occasional carmine spots. Free midseason bloomer. Exquisitely fragrant. **50c.**

8.6 **Judge Berry.** Very early, the first large pink variety to bloom. The bud opens pink, and as the petals open farther and farther, it becomes a flat pink disc, of surpassing beauty, often 7 to 8 inches in diameter. Very desirable. **$2.00.**

9.1 **Lady Alexandra Duff.** Resembles an enormous tea rose. Delicate pale-pink fading to white. Main flower large, cup-shaped, rose type. Blossoms form side buds often semi-double, exposing the anthers; fragrant. **$1.00.**

9.0 **La France.** Soft appleblossom-pink, deeper at the base of petals; fragrant. Flowers of largest size, globular, perfectly double, rose type. A strong, erect grower. **$2.00.**

7.5 **La Tulipe.** Very large shell-formed bloom; delicate rose, fading to creamy white; center petals tipped with carmine; outside of guard petals striped with carmine; late. **50c.**

Lillian Gumm. Rose type; midseason. Deep pink reflecting mauve. Resembles La France, but has better stalk. Very large, profuse bloomer. **$2.50.**

8.8 **Loveliness.** A beautiful variety with large, flat rose-type flowers of hydrangea-pink, changing to lilac-white. Blooms late on strong, medium tall stems. Fragrant. **$2.00.**

7.9 **Mad. Ducel.** Light rose, with silvery reflex; globular compact blooms. Strong grower, medium height. Fragrant. **50c.**

8.5 **Mad. Emile Galle.** Large, flat flowers of rose type, open in late midseason. Delicate shell-pink with touches of heliotrope and lavender. **75c.**

7.9 **Mad. Joanne Sallier.** Rose-pink with occasional flecks on guards and center. Semi-double blooms of large size on tall, strong stems. Early. **$2.00.**

8.4 **Margurite Gerard.** Large, semi-rose developing into a crown with stamens. Very pale hydrangea-pink, fading to nearly white, central petals flecked dark carmine. Free, late. **50c.**

9.1 **Martha Bullock.** Attains a height of five feet, and its cup-shaped flowers of a soft shell-pink outside, shading to a deep rose-pink in the center are often 9 to 12 inches in diameter. **$2.50.**

8.7 **Mary P. King.** Light coral-pink on outer petals deepening toward center. Center petals delicately margined with lavender. A prolific bloomer. Mild fragrance. **$2.00.**

9.0 **Mary Woodbury Shaylor.** Midseason. Large cup-shaped flowers of clear pink with a creamy colored collar and golden heart. Dwarf grower and profuse bloomer. **$2.00.**

9.2 **M. Jules Elie.** By many considered most beautiful of peonies. The flowers are immense, globular, glistening lilac-pink, shading to deeper rose at the base, all overlaid with a sheen of silver. **75c.**

9.0 **Milton Hill.** Clear pink overlaid with sheen of delicate lilac. Very large bloom; excellent for cutting; late. **$2.00.**

Minamota. An unusual flower, almost semi-double, of a vivid rose-pink with a mass of yellow stamens interspersed through the center. Strong grower. **$2.00.**

8.5 **Octavie Demay.** Very large, flat crown, guards and center delicate hydrangea-pink, collar almost white. Very fragrant, very dwarf; Early. **75c.**

8.2 **Pierre Duchartre.** Rose type; late. Large, compact flowers of a delicate flesh pink; very fragrant. **$1.00.**

8.7 **President Taft.** See Reine Hortense.

9.3 **President Wilson.** Full rose-type flowers of soft rose-pink changing to shell pink. A strong grower with good foliage; floriferous. Late and very fragrant. One of the finest of all Peonies. **$8.00.**

7.4 **Princess Beatrice.** Light violet-rose crown and guards, creamy white collar; speckled crimson center; compact and large; free bloomer; fragrant; early midseason. **50c.**

Queen Wilhelmina. Full rose type of rich soft pink with deeper center and salmon tints. Strong, upright grower; midseason. **$1.00.**

8.7 **Reine Hortense (President Taft).** One of the finest Peonies in our Nursery. A vigorous, strong grower, a profuse bloomer, and an excellent cut-flower variety, cut blooms lasting a week or more. Its flowers are among the largest of any variety that we grow and the color is a beautiful uniform light pink, center flecked crimson. Midseason. At the 1932 National Peony Show at Des Moines this variety took both the first and second prize for twenty blooms of one variety, light pink. **75c.**

8.8 **Rosette.** A fine, early variety of semi-rose type on erect stems. Color silvery flesh, illuminated with salmon tints at base of petals and flecked crimson on border. **$2.00.**

9.0 **Sarah Bernhardt.** This symmetrical plant of medium height is strong growing and erect. It bears profusely large rounded flowers of semi-rose type, fragrant and of a uniform mauve-rose throughout. Late. **$1.00.**

7.8 **Souvenir de Francois Ruitton.** Very large, globular, rose type flowers of bright cherry-pink; dark carmine at base of petals. Tall and strong growing. **$1.50.**

9.1 **Souvenir de Louis Bigot.** Rose type; mid season. Very large, convex blooms with fringed petals. Color Bengal-rose, slightly tinged carmine at the base, turning to salmon-pink, with very bright silvery reflex. **$2.00.**

9.8 **Therese.** A most desirable variety of a charming shade of violet-rose, changing to lilac-white. Develops a high crown, strong grower and free-bloomer. Midseason. **$2.00.**

8.3 **Venus.** Crown type; midseason. Flowers large with compact crown; delicate shell-pink. Tall and free-blooming. **75c.**

9.3 **Walter Faxon.** Ranked by Mrs. Harding with Solange and LeCygne as the three finest peonies. "Here is the most delectable hue of pink displayed by any of the peonies outside of the tree peonies," she writes. It is a free-blooming variety and grows strongly. It is very scarce. **$2.00.**

White and Light Varieties

8.8 **Alsace Lorraine.** Semi-rose; late. midseason. Very large, flat bloom. Petals pointed and arranged like a water lily. Creamy white center delicately tinted brownish yellow. **$1.00.**

9.0 **A. M. Slocum.** Attractive, loose flower of rose type. White, with a few central petals slightly edged carmine and golden stamens that give a creamy effect. A strong, upright grower and free bloomer. **$2.00.**

8.7 **Avalanche (Albatre).** A magnificent flower which opens like a rose. Pure white with a few pencilings of carmine on the edge of center petals. Fragrant; crown type; late midseason. **50c.**

9.0 **Baroness Schroeder.** Rose type; late. White with shadings of flesh. One of the finest. Immense flowers of great substance with high chalice-shaped center. True June rose fragrance. **75c.**

8.1 **Couronne d'Or.** Large, flat, semi-rose type. Pure white, with a circle of bright yellow stamens that suggest its name "Crown of Gold." Medium tall, free bloomer. Late midseason. **50c.**

7.8 **Duc de Wellington.** Mrs. Edward Harding says: "Its sulphur-and-white coloring makes it desirable as one of the few yellow-tinted peonies." Tall, fragrant, blossoms freely. Late midseason. D, **50c.**

8.1 **Duchess de Nemours (Calot).** Flower large, crown type and beautiful in the bud. Color sulphur-white with greenish reflex and no trace of crimson. Early. **50c.**

9.2 **E. B. Browning.** Immense, semi-rose form. Delicate pink tint, outer petals and center marked crimson. Tall; fragrant; very late. **$2.00.**

PEONIES, White and Light Varieties—Cont'd.

8.9 **Enchantresse.** Large ,globular flower of rose type on tall, stiff stems. Creamy white with crimson tracings. Late. Fragrant. **$2.00.**

9.3 **Festiva Maxima.** One of the old varieties which Mrs. Edward Harding says, "should be in every garden, large or small, lavishly arrayed or economically furnished. It is to the peony world what Pallida Dalmatica is to the iris world." Flowers of white, dotted with carmine, are often 7 to 8 inches in diameter. **50c.**

9.1 **Francis Willard.** A perfectly-formed flower that is found among the winning classes in every show-room. A very large, semi-rose type of bloom, often having a raised, cup-shaped center inclosing golden stamens. Opens an exquisite blush-white, with an occasional carmine touch, changing to pure white. Of good substance and a fine cut-flower variety. Late midseason. D, **$1.00.**

9.3 **Frankie Curtis.** A very distinct peony that might best be described, except for a slight pink shading on the center petals, as a white Mons. Jules Elie. The flower is very large, bomb type, with a collar of large, prominent guard petals that is surmounted by a perfect chrysanthemum-like center. Early midseason. **$10.00.**

8.9 **James Boyd.** Beautiful, compact blooms of globular rose form. Flesh changing to nearly white, tinted at the base with a yellowish salmon. Guard petals notched at the tips, giving a fringed effect. Fragrant; late. **$2.00.**

Jubilee. See Pleas' Jubilee.

9.8 **Kelway's Glorious.** Large flower, full of glistening white petals, the outer edges of which are slightly crinkled and curved inward. The outside petals are flushed with pink, while it is fragrant, as Mrs. Harding says, "to an unbelievable degree." Scarce. Late midseason. **$4.00.**

8.3 **La Rosiere.** A dainty peony with rose-like flowers. It should not be disbudded, as sprays of its flowers are charming. It is semi-double, the outer petals pure white at center with a yellowish white border. Midseason. **75c.**

9.9 **LeCygne.** (The Swan.) "One of the three finest peonies," says Mrs. Harding. The curving petals of this magnificent flower are arranged like the feathers on a swan's wing. "Symmetrical, globular, of great size, fragrant, free-blooming, and milk-white," continues Mrs. Harding, "LeCygne stands by itself." It is unquestionably the finest white, and received the highest rating in the American Peony Society's referendum. **$3.00.**

7.9 **Madame de Verneville.** Guard petals sulphur-white, center delicate flesh. Flowers very double and compact, imbricated; borne on long stems. Fragrant. **50c.**

Madame Edouard Doriat. Globular flower, with rounded petals; white with a carmine border. Full and large. Long, strong stems. Late. **$5.00.**

9.4 **Mme. Jules Dessert.** A strong-growing, free-blooming plant, of delicate coloring. When the flower is cut just as the bud unfolds, and is allowed to open in a shaded room, wonderful tints of flesh, straw and white can be seen to perfection. Midseason. D, **$1.50.**

8.5 **Marie Lemoine.** Large, compact, rose form of a delicate ivory-white with occasional carmine markings. Dwarf, strong grower and fragrant. Very late. **75c.**

7.8 **Miss Salway.** Very large, compact, globular flower, lilac-white with lighter collar. Midseason. **$1.50.**

8.3 **Mons. Dupont.** Large, cup-shaped flower; ivory-white. The golden stamens show at the base of the petals; fragrant; a strong grower; tall; midseason. **75c.**

8.8 **Nymphaea.** Large, flat flower of delicate creamy white. Notched at tip and edges somewhat rolled. Yellow stamens in center and a reflex of golden light through the whole flower. Midseason. **$2.00.**

8.9 **Pleas' Jubilee.** Extremely large, flat flowers of ivory-white; petals long and narrow, loosely arranged, giving a feathery effect; large, rather flat flower; a strong grower and free-bloomer. Early. **$1.00.**

8.6 **Primevere.** "Finest of the yellow herbaceous peonies and one of the most fragrant," says Mrs. Harding. "Striking and ornamental in the garden, it is still more satisfying as a cut flower. Then its color is safely guarded, and its perfume fully enjoyed." **$2.00.**

9.1 **Rose Shaylor.** Large blooms, cream-colored, lighted with golden stamens, and often tinged throughout with pink, are held well above the foliage by tall, stiff, thick stems. **$10.00.**

9.7 **Solange.** Ranked by Mrs. Harding with LeCygne and Walter Faxon as the three best peonies. She writes: "Until the lover of peonies knows Solange, his life is wasted, bare, uninteresting, impoverished, and lonely beyond all words to tell. Its flower is high built, compact, and composed of large, thick petals which closely overlap. The color is deep cream, tinged with amber throughout, with a touch of soft, salmon-pink glowing from its heart." **$2.00.**

9.4 **Tourangelle.** Pearl-white, overlaid with delicate shades of salmon; flowers of unusual size, flat, borne on long stems. Must be well established to get best results. Exquisite in its color tints if shaded from the heat of the sun when opening. **$1.50.**

Red and Crimson Sorts

8.5 **Adolphe Rousseau.** Very large, semi-double flowers of purple-garnet. Tall, vigorous flower with dark foliage, veined red. One of the darkest peonies. **$1.00.**

8.7 **Auguste Dessert.** Cup-shaped flowers of fine form, with rounded petals, velvety crimson-carmine, very brilliant, with silvery reflex and often streaked white. **$3.00.**

7.8 **Augustin d'Hour.** Bomb type; midseason. Extremely large. Color very deep, rich, brilliant solferino-red with slight silvery reflex. It is a taller grower and larger flower than Felix Crousse. **75c.**

8.6 **Cherry Hill.** Semi-rose type, midseason. Deep garnet with conspicuous sheen. Stems strong and erect. Does not burn. **$2.00.**

7.8 **E. G. Hill.** Semi-rose type, early midseason. Flowers very large and double, borne in clusters. Color rich Tyrian-red; petals edged silvery rose. A very free bloomer, fragrant. **$1.00.**

8.4 **Felix Crousse.** Rose type; late midseason. Its large, globular flowers, solid and compactly built from edge to center, are a rich, even, brilliant, dazzling ruby-red. **50c.**

8.2 **Grover Cleveland.** Rose type; late. Rich, dark crimson; a strong grower. **75c.**

Inspecteur Lavergne. Vivid crimson, frilled petals in the center; very full, globular flower. Abundant bloom. **$12.00.**

8.8 **Karl Rosefield.** "A sturdy, all-around, bright red peony, lusty and free-blooming," says Mrs. Harding. It is early, with large flower of the semi-rose type. **75c.**

9.0 **Longfellow.** Perhaps the most brilliant of all the red peonies. Golden stamens show around the center petals. Late midseason. **$1.50.**

7.8 **Lord Kitchener.** An early midseason, free blooming and of good substance. Flowers are of bomb type, cherry-red. **$1.00.**

Peony Collections

Collection 32A

Six of the world's finest varieties

9.9 **LeCygne,** white
9.0 **Longfellow,** red.
9.7 **Solange,** cream.
9.8 **Therese,** pink.
9.4 **Tourangelle,** white.
9.3 **Walter Faxon,** pink.

One each of the above (value $12.00) for $9.00

Collection 32B

Six of the highest rated, newer varieties at an exceptional price.

9.1 **Francis Willard,** white.
9.1 **Lady Alexandra Duff,** pink.
9.4 **Mad. Jules Dessert,** white.
8.8 **Mons. Martin Cahuzac,** red.
8.8 **Richard Carvel,** red.
9.0 **Sarah Bernhardt,** pink.

One each of the above (value $7.00) for $5.00

Collection 32C

Four splendid Peonies at a bargain.

8.7 **Avalanche,** white.
8.8 **Karl Rosefield,** red.
9.2 **M. Jules Elie,** pink.
8.7 **Reine Hortense,** pink.

One each of the above (value $2.75) for $2.00

Collection 32D

Three outstanding Japanese varieties.

9.2 **Ama-No-Sode,** pink.
8.6 **Mikado,** red.
8.3 **Snow Wheel,** white.

One each of the above (value $9.00) for $6.00

Collection 32E—Surprise Collection

Six beautiful varieties (value $3.25) for $2.00.

Six different Peonies—2 red, 2 white and 2 pink, our selection, labeled, for only $2.00. (Felix Crousse and Reine Hortense will be two of the varieties included in this collection.)

6.9 **Louis Van Houtte.** Medium size, semi-rose type. Deep carmine-rose, tipped silver with a brilliant fiery reflex; medium late. **50c.**

7.5 **Marechal Vaillant** (Grandiflora Rubra). Of immense size, light red, resembling the American Beauty rose; rose type; a strong grower; one of the largest red. **50c.**

8.7 **Mary Brand.** Vivid crimson of immense size; full double; a free-bloomer and a strong grower; midseason. **$1.00.**

8.2 **Mme. Gaudichau.** "A brilliant dark red of great garden value," says Mrs. Harding. "The flower is loosely built and many of the stamens show. Quite as decorative as the flower itself is the foliage which from the moment it emerges above the ground rivets the attention by its vivid redness. As the season advances the upper surface of the leaves become touched with bronze; the stems remain red all summer. **$1.50.**

Mr. L. Van Leeuwen. Beautiful flower of faultless shape; large and double, petals somewhat irregular. A clear rosy red. Strong, tall stems; late midseason. **$4.00.**

8.8 **Mons. Martin Cahuzac.** Medium sized, globular, semi-rose type. Dark purple-garnet with black reflex. The darkest peony known. Strong, vigorous grower; free-bloomer; midseason. **$1.50.**

8.6 **Officinalis Rubra Plena.** This is the old-fashioned red, the most brilliant of all red peonies; early and splendid cut flower. **75c.**

9.2 **Philippe Rivoire.** A striking variety of brilliant crimson and fragrant. Large, well formed, cup-shaped flower of rose type. Strong grower. **$4.00.**

8.8 **Richard Carvel.** Immense globular bomb. Flower bright, all one shade of crimson. Guard petals large, broad and prominent. Early, tall, very stout stems, annual and profuse bloomer. Delicate fragrance. The best early dark red. **$1.00.**

Tenuifolia Flora Plena (Double Fern-leaf Peony). Very early, the first Peony to bloom. Flowers are a full double brilliant crimson. **$2.00.**

Japanese Flowered Peonies

These are entirely without pollen. The inner petals are a mass of filaments surrounded by a guard of petals.

9.2 **Ama-No-Sode.** Mrs. Harding says this is the handsomest pink Japanese peony. The flowers are large, of bright rose, shading lighter toward the edge of the petals. **$4.50.**

9.2 **Fuyajo.** Outer petals dark, rich, mahogany-red with velvety shading. Petaloids dark red striped and tipped buff. An outstanding variety. **$2.50.**

8.2 **Flashlight.** Light Tyrian Rose guards with dull golden center. Strong, erect grower of medium height. Early. **$2.50.**

8.2 **Gold Mine.** Single row of deep rose guard petals; deep golden center. **$1.00.**

9.3 **Isani Gidui.** Large, perfectly shaped flowers of pure white with rich buff-yellow center. Midseason. Considered the most beautiful white Japanese Peony. **$7.50.**

8.6 **Mikado.** Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids, edged and tipped gold. **$1.50.**

Ruigegno. Two rows of petals of clear red. Golden petaloids. A beautiful flower of fine substance. **$3.00.**

9.0 **Some Ganoko.** Clear dark crimson with tuft of bright yellow petaloids. **$2.50.**

8.3 **Snow Wheel.** Broad outer petals resembling the waxy white petals of the Camellia. Center petals long, pointed, giving a feathery effect. **$3.00.**

9.4 **Tamatbako.** Clear soft pink with yellow petaloids. The flowers are large and of fine quality, borne on erect stems of medium height. Late. Considered the finest of all pink Japanese peonies. **$15.00.**

8.0 **Torpilleur.** Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow. **$1.50.**

Single Peonies

7.6 **Clio.** Large, cup-shaped single pink. Single row of wide petals encircling a mass of long, golden pollen-bearing stamens, with pond lily fragrance. **$1.00.**

8.4 **La Fiancee.** Pure white; very large, tall. **$1.50.**

L'Etincelante. Very broad petals of bright carmine with silvery border; crown of golden stamens at the center. **$1.50.**

Nymphe. Large flowers of bright flesh pink, golden stamens. **$1.50.**

Perle Rose. Delicate clear china-pink with silvery edge. **$1.00.**

7.6 **Vesuve.** Dark red. **75c.**

Ornamental Shrubs of the

KOLKWITZIA Amabilis (Beauty Bush)

All Prices are F. O. B. Our Nurseries. Western Springs, Ill.

The figures in italics following each variety indicate in feet the average height of the plant at maturity.

ALMOND (Prunus)

Flowering Almond (Prunus Glandulosa). *4 to 6 ft.* These well known, bushy shrubs are favorites in the old gardens. They never fail to produce in early spring, before the leaves apppear, a profusion of small very double white or pink, rose-like flowers that are closely set along the branches.

White Flowering Almond (Prunus Glandulosa Albiplena). 2 to 3 ft., **90c**; per 10, **$7.50**; 3 to 4 ft., **$1.00**; per 10, **$9.00**.

Pink Flowering Almond (Prunus Glandulosa Sinensis). 2 to 3 ft., **90c**; per 10, **$7.50**; 3 to 4 ft., **$1.00**; per 10, **$9.00**.

BARBERRY (Berberis)

Red-leaved Japanese Barberry (Berberis Thunbergi Atro-purpurea). *4 ft.* Similar in all respects to the green-leaved Japanese Barberry, but the foliage is a rich, bronzy red, similar to the red-leaved Japanese Maples. It should be planted in full sun to develop its coloring. 12 to 15 in., each **50c**; per 10, **$4.00**; per 100, **$30.00**; 15 to 18 in., each **60c**; per 10, **$5.00**; per 100, **$40.00**; 18 to 24 in., each, **70c**; per 10, **$6.00**; 100, **$50.00**; 24 to 30 in., **80c**; per 10, **$7.00**; per 100, **$60.00**.

BEAUTY BUSH (Kolkwitzia Amabilis)

Its trumpet-shaped pink flowers are freely produced. Grows from 6 to 8 feet tall and fully that wide. Absolutely hardy and makes a wonderful showing in June. One of E. H. Wilson's and the Arnold Arboretum's choicest new introductions from China. 18 to 24 in., not balled and burlapped, **75c**; per 10, **$6.00**; 2 to 3 ft., balled and burlapped, **$1.50**; per 10, **$12.50**; 2 to 3 ft., not balled and burlapped, **$1.00**; per 10, **$7.50**; 3 to 4 ft., balled and burlapped, **$2.00**; per 10, **$17.50**; 3 to 4 ft., not balled and burlapped, **$1.50**; per 10, **$12.50**; 4 to 5 ft., specimens, balled and burlapped, **$3.50**; per 10, **$30.00**.

BURNING BUSH (Euonymus)

Dwarf Burning Bush (Euonymus Alatus Compacta). A compact form that is especially attractive in the fall when the foliage turns crimson, and the whole bush resembles a ball of fire. It is one of our finest shrubs for growing in shady places, or for formal effects as it may be kept trimmed to the size and height desired. The picture shows the natural habit of the shrub without pruning. 12 to 18 in., **$1.00**; per 10, **$9.00**; 18 to 24 in., **$1.50**; per 10, **$12.50**.

Winged Burning Bush (Euonymus Alatus). *6 to 8 ft.* Bark cork-like and curiously winged; leaves small; fruit red; in autumn foliage bright red. 2 to 3 ft., **$1.25**; per 10, **$10.00**; 3 to 4 ft., specimens, **$2.50**.

CRANBERRYBUSH (Viburnum)

European Cranberrybush (Viburnum Opulus). *8 to 10 ft.* Of upright, spreading habit with dense green foliage. The single white flowers, borne in flat, imperfect clusters in May, are succeeded with very showy, cranberry like berries that cling to the leafless branches all winter. 2 to 3 ft., **60c**; per 10, **$5.00**; 3 to 4 ft., **75c**; per 10, **$6.00**; 4 to 5 ft., **90c**; per 10, **$7.50**; 5 to 6 ft. specimens, **$3.50**.

COTONEASTER

Peking Cotoneaster (Acutifolia). *5 to 10 ft.* A dense-growing shrub with dark green, oval leaves; jet black berries in fall. Stands trimming and makes a compact hedge resembling the Privet. Extremely hardy. 2 to 3 ft., **50c**; per 10, **$4.00**; per 100, **$30.00**; 3 to 4 ft., **60c**; per 10, **$5.00**; per 100, **$40.00**.

Rock Cotoneaster (Horizontalis). *1 to 1½ ft.* "Most popular of the red-fruited varieties," says E. H. Wilson of the Arnold Arboretum. A dwarf shrub with densely spreading horizontal branches almost prostrate. Much appreciated in rockeries and the front of borders. 3 in. pots, **$1.00**; 18 to 24 in., balled and burlapped, **$3.00**.

Spreading Cotoneaster (Divaricata). *5 to 6 ft.* Especially prized for its dark scarlet fruits which last until late in the autumn. It forms a wide-branched, densely twiggy bush from 5 to 6 ft. tall and much more in diameter. The leaves turn a brilliant crimson before they fall. 18 to 24 in., balled and burlapped, **90c**; per 10, **$7.50**; 2 to 3 ft., balled and burlapped, **$1.50**; per 10, **$12.50**; 3 to 4 ft., balled and burlapped **$2.00**; per 10, **$17.50**. 3-in. pots, **$1.00**.

DAPHNE

Rose Daphne (Daphne Cneorum). *1 ft.* A gem for the rock garden or for edging borders. A dwarf evergreen shrub of trailing habit with leaves of dark glossy green, glaucus beneath. Small, tubular, rose-pink flowers of spicy fragrance are borne in clusters in May and again in late September. Does best in sun in a well-drained, poor gravely soil. In cold climates the plants should be protected during winter. 8 to 10 in., balled and burlapped, **$1.50** each; per 10, **$12.50**; 10 to 12 in., balled and burlapped, **$1.75**; per 10, **$15.00**.

FIRETHORN (Pyracantha)

Laland Firethorn (Pyracantha Coccinea Lalandi). *5 to 6 ft.* An almost evergreen shrub allied to both the Thorn and Cotoneasters. Dwarf with slender branches with numerous short thorns. Flowers white, in large clusters, followed in fall by brilliant orange-red berries. Prefers a sunny location in almost any soil. 18 to 24 in., balled and burlapped, **$2.50**; per 10, **$22.50**; 2 to 2½ ft., balled and burlapped, **$3.25**; per 10, **$30.00**.

GOLDEN BELL (Forsythia)

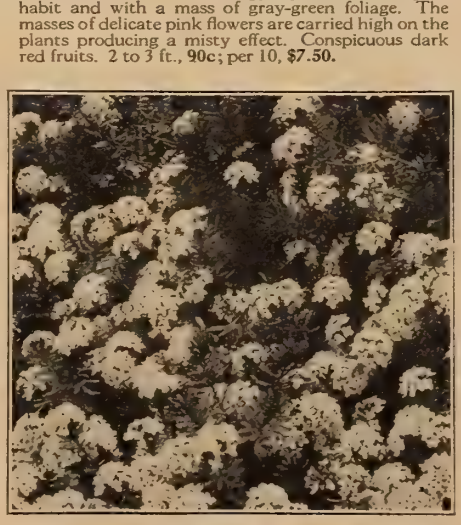
Showy Border Golden Bell (Forsythia Intermedia Spectabilis). *6 to 8 ft.* Considered the best of the Forsythias on account of its larger and richer yellow blossoms which completely cover the wide spreading branches in early Spring. 2 to 3 ft., **60c**; per 10, **$5.00**; 3 to 4 ft., **75c**; per 10, **$6.00**.

HYDRANGEA, Oak Leaved

Oak-leaved Hydrangea (Hydrangea Quercifolia). *3 to 5 ft.* The leaves are a dark green in summer, turning to richest red in autumn. They will stand some shade and smoky city conditions and are well adapted to foundation or low border plantings. Its flowers are pinkish white, borne in upright clusters in June. 2 to 3 ft., **$1.50**; per 10, **$12.50**.

HONEYSUCKLE (Lonicera)

Broad Blueleaf Honeysuckle (Lonicera Korolkowi Floribunda). *10 ft.* Twiggy growth, arching in habit and with a mass of gray-green foliage. The masses of delicate pink flowers are carried high on the plants producing a misty effect. Conspicuous dark red fruits. 2 to 3 ft., **90c**; per 10, **$7.50**.



DAPHNE Cneorum

EUONYMUS Alatus Compactus

HONEYSUCKLE—Continued

Late Honeysuckle (Lonicera Maacki Podocarpa). *12 to 15 ft.* Widespread branches abundantly clothed with dark green foliage. Its honey-scented flowers open white tinged with pink and fade to cream. Although it blooms in June, its brilliant scarlet fruit does not ripen until November. 2 to 3 ft., **75c**; per 10, **$6.00**; 3 to 4 ft., **$1.00**; per 10, **$7.50**.

Outstanding Lilac Novelties

Jan Van Tol. Single, pure white, very large trusses and extremely large individual flowers; it is a very good grower and flowers very freely. 2 to 3 ft., **$1.50**.

Katherine Havemeyer. Double, cobalt blue, flushed mauve; enormous flower of the most perfect shape with broad imbricated lobes. One of the handsomest lilacs. 2 to 3 ft., **$2.50**.

Mrs. Edward Harding. Double, bright carmine, big panicles of large, full flowers. This variety was awarded the special prize founded by Mrs. Edward Harding for the best double red lilac. 2 to 3 ft., **$2.50**

President Poincare. Immense, double violet flowers in large compact trusses. One of the handsomest of all Lilacs. Very fragrant. 2 to 3 ft., **$2.50**.

SPECIAL OFFER. One each of the above four Lilacs for **$7.50**.

HYBRID LILACS (Syringa)

New and Rare Varieties

***Berryer.** Double, long trusses of semi-double mauve flowers. 2 to 3 ft.; 3 to 4 ft.

***Buffton.** Single; elegant cluster of flowers, mauve-pink with reflexed lobes., 2 to 3 ft.; 3 to 4 ft.

***Claude Bernard.** Double, a rapid-growing variety with long trusses of double or semi-double bright mauve lilac flowers; very early. 2 to 3 ft.; 3 to 4 ft.; 4 to 5 ft.; 4 to 5 ft., specimens.

***Descartes.** Single, mauve-pink; exceedingly free. 2 to 3 ft.; 3 to 4 ft.; 4 to 5 ft.

Diderot. Single, enormous panicles, one foot long, with large claret-purple flowers; very free. 2 to 3 ft.; 3 to 4 ft.

Edouard Andre. Double; clear rose or nearly pink, one of the best of this color. 2 to 3 ft.; 3 to 4 ft.

Jean Mace. Double, broad, compact panicles, irregular flowers, mauve, fading to bluish, an early and very floriferous variety. 2 to 3 ft.; 3 to 4 ft.; 4 to 5 ft.

Leon Gambetta. Double; enormous trusses; very large, lilac-rose flowers, very pretty; early. 2 to 3 ft., **$1.50**; 3 to 4 ft., **$2.00**; 4 to 5 ft., **$3.00**.

***Louvois.** Single; voluminous clusters of large flowers, deep violet-purple with bluish shades. 2 to 3 ft., 3 to 4 ft., 4 to 5 ft., 4 to 5 ft. specimens.

Marechal Lannes. Very broad panicles of double or semi-double flowers of amazing size; bluish violet. 2 to 3 ft.; 3 to 4 ft.

***Mireabeau.** Single; mauve, the earliest of all. 2 to 3 ft.; 3 to 4 ft.; 4 to 5 ft.

Montaigne. Double. Pinkish mauve, very large clusters. Late. 2 to 3 ft.; 3 to 4 ft.; 4 to 5 ft.

President Faillieres. Double; immense clusters, pale lavender. 2 to 3 ft., **$1.50**.

The varieties marked * belong to a new class of Lilacs, the "Early Lilacs," which expand their flowers before the lilacs now known.

Prices of above, except where noted, 2 to 3 ft., each, **$1.25**; per 10, **$10.00**; 3 to 4 ft., **$1.75**; per 10, **$15.00**; 4 to 5 ft., **$2.25**; per 10, **$20.00**; 4 to 5 ft., specimens, **$5.00**. Sizes which we have to offer noted after each variety.

For Complete List of Trees, Shrubs and Vines of All Sizes, Ask for Our Special Nursery Catalog

Newer and Better Sorts

LILAC Mad. Lemoine

HYBRID LILACS (Syringa)

Chas. Joly, semi-double dark red; **Chas. X**, single reddish purple; **Ludwig Spaeth**; single dark reddish-purple; **Mad. Lemoine**, double white; **Marie Legraye**, single white, **Michael Buchner**, double lilac; **Pres. Grevy**, double blue. Price of above 2 to 3 ft., **85c**; per 10, **$7.50**; 3 to 4 ft., **$1.00**; per 10, **$9.00**; 4 to 5 ft., **$1.50**; per 10, **$12.50**.

MOCK ORANGE (Philadelphus)

Banniere. *5 to 6 ft.* The earliest blooming 10 days before Virginal. Very fragrant, semi-double, waxy-white flowers of large size. Erect and compact in growth with dark green foliage. 2 to 3 ft., **90c**; per 10, **$7.50**.

Dame Blanche (White Lady). *4 ft.* Small foliage and upright branches to about four feet. Semi-double fringed flowers, creamy white and very fragrant. 18 to 24 in., **75c**; per 10, **$6.00**; 2 to 3 ft., **90c**; per 10, **$7.50**.

Favorite. *7 to 8 ft.* Large single, cup-shaped flowers, 3 inches wide, in clusters of five; pure white with golden stamens. Of erect, compact growth; foliage light, glossy green. 2 to 3 ft., **90c**; per 10, **$7.50**; 3 to 4 ft., **$1.00**; per 10, **$8.50**.

Glacier. *5 ft.* Very attractive double, rich cream color flowers, produced in clusters, giving the effect of one enormous flower. Matures to a height of five feet. 2 to 3 ft., **90c**; per 10, **$7.50**.

Norma. *7 to 8 ft.* Usually large, glossy white, single flowers in good sized sprays. An upright grower with light green leaves. 18 to 24 in., **75c**; per 10, **$6.00**; 2 to 3 ft., **90c**; per 10, **$7.50**.

Pyramidalis. *8 to 10 ft.* Waxy white clusters of large, double flowers. Of tall, compact, pyramidal growth with large dark green leaves. 2 to 3 ft., **90c**; per 10, **$7.50**; 3 to 4 ft., **$1.00**; per 10, **$8.50**.

Virginalis. *7 to 8 ft.* One of the most beautiful shrubs grown. In June the plants appear as a huge bouquet. being completely covered with very large, double crested flowers that are pure white, sweet-scented and produced in clusters of five to seven. It has the longest blooming season of any variety, the new wood producing throughout the summer, large individual, single or semi-double flowers that are often three inches wide. Of vigorous, medium tall, compact growth and large dark green foliage. 2 to 3 ft., **75c**; per 10, **$6.00**; 3 to 4 ft., **90c**; per 10, **$7.50**; 4 to 5 ft., bushy, **$1.25**; per 10, **$10.00**; 4 to 5 ft., specimens, **$2.50**.

SPECIAL OFFER. One each of the above seven varieties of Philadelphus, 2 to 3 ft. size, for **$5.00**.

NINEBARK (Physocarpus)

Dwarf Ninebark (Physocarpus Monogynus). *3 ft.* A dwarf, compact growing variety which has shiny, dark green leaves, smaller than those of the species. Valuable for growing in dark or shady positions. 2 to 2½ ft., **75c**; per 10, **$6.00**.

PLUM (Prunus)

Double-Flowering Plum (Prunus Triloba). *7 to 8 ft.* Native of China. Flowers double, of a delicate pink, upwards of an inch in diameter, thickly set on the long, slender branches; flowers in May before the leaves unfold, 3 to 4 ft., tree form, **$1.00**; per 10, **$8.50**. 4 to 5 ft., specimens tree form, **$5.00**.

PRUNUS—Continued

Nanking Cherry (Prunus Tomentosa). *4 to 6 ft.* An extremely hardy shrub that in April just as the leaves begin to unfold, it is clothed with a profusion of pale pink flowers that are followed by brilliant scarlet, edible fruits that ripen in June. It is an ideal dwarf tree for a border planting. 2 to 3 ft., **$1.00**; per 10, **$8.50**; 3 to 4 ft., **$1.25**; per 10, **$10.00**.

Newport Plum (Prunus Cerasifera Newport). *12 to 15 ft.* Similar to the variety Pissardi but of deeper coloring and more hardy. Flowers rosy white, fruits magenta red. 3 to 4 ft., **90c**; per 10, **$8.00**.

Purple leaf Plum (Prunus Cerasifera Pissardi). *12 to 15 ft.* A small tree shrub. The young branches are a dark purple; the leaves, when young, are lustrous crimson, changing to a dark purple, and retain this beautiful tint until they drop, late in autumn. The tree is covered early in the spring with small, single white flowers, which appear before the leaves. 3 to 4 ft., **90c**; per 10, **$8.00**.

NEW CLIMBING ROSES

Blaze (New Hardy Everblooming Scarlet Climbing Rose). U. S. Plant Patent No. 10. A new hardy climber which inherits the color of Paul's Scarlet Climber and the everblooming habit of Gruss an Teplitz. It is vigorous and will grow to considerable height and produce flowers on both the old and the new growth. 2 yr., **$2.00**.

Mme. Gregoire Staechelin. This new variety has beautiful flowers of enormous size followed by fruits as large as small pears. The blooms are an iridescent pearl-pink, splashed with carmine. Delightfully fragrant. Hardy vigorous grower. 2-year, dormant, **$1.00**; per 10, **$9.00**.

Primrose. Its large, double flowers are a soft, rich primrose yellow, borne in clusters of 4 and 5. We believe the most satisfactory yellow climber for the north. 2-year, dormant, **$1.00**; per 10, **$9.00**.

The New Dawn. (The Everblooming Dr. Van Fleet). U. S. Plant Patent No. 1. Introduced in 1931. The first patented rose and the first everblooming climbing rose. A sport from Dr. Van Fleet having same habit of growth. The delicate flesh pink flowers are fragrant and bloom all summer and fall. 2-year dormant, **$1.50**.

HARDY CLIMBING ROSES

Climbing American Beauty. A free-climber. Rosy crimson flowers, 3 to 4 inches across, produced freely in June and occasionally throughout the season. Very fragrant.

Dorothy Perkins. Beautiful shell-pink double flowers in large clusters. Strong, vigorous growers, attaining a length of 20 feet in one season.

Excelsa. Flowers very double, produced in large trusses, thirty to forty on a stem; intense crimson maroon. Vigorous.

Paul's Scarlet Climber. No other rose can compare with it for brilliancy of color, which is a vivid scarlet. A strong climber and perfectly hardy. Usually blooms again in the fall.

White Dorothy Perkins. The counterpart of the well-known Dorothy Perkins, but pure white in color.

Prices of above Hardy Climbing Roses: 2-year, dormant, **50c**; per 10, **$4.00**

NEW HYBRID RUGOSA ROSES

Agnes. *5 to 6 ft.* The flowers are a rich amber yellow, double, sweetly scented and come early in June. It is a vigorous grower with grey-green, crinkled foliage. 2-year, **$1.00**; per 10, **$9.00**.

RUGOSA ROSE Grootendorst

GOLDEN ROSE OF CHINA

RUGOSA ROSES—Continued

F. J. Grootendorst. *5 to 6 ft.* A cross between the Rugosa and the Crimson Baby Rambler. The plant is vigorous, will attain a height of six feet. The flowers are bright red, beautifully fringed, and produced in clusters. It blooms from early summer until frost, 2 year, **75c**; per 100, **$6.00**.

Pink Grootendorst. *5 to 6 ft.* A variety similar in every way to the F. J. Grootendorst except that the flowers are a clear pink. 2-year, **75c**; per 10, **$6.00**.

SPECIAL OFFER. One each of the above three Rugosa Roses for **$2.25**.

GOLDEN ROSE OF CHINA (Rosa Hugonis)

Golden Rose of China (Rosa Hugonis). *6 ft.* This is one of the earliest roses to bloom and it makes a very spectacular show when the long arching branches are thickly set with lovely single yellow flowers in May. Attains a height of six feet when fully matured. It never winter-kills. 2 years, **60c**; per 10, **$5.00**; 3-year, **75c**; per 10, **$6.00**; 4 year, **$1.00**; per 10, **$9.00**.

SNOWBALL (Viburnum)

Viburnum Carlesi (Fragrant Snowball). *4 ft.* This dwarf, compact shrub, bearing large corymbs of delicate pale rose blossoms, tinted white, has a delicious, clove-scented fragrance and is considered by the Arnold Arboretum as Korea's great gift to our gardens. Hardy, but best planted in a somewhat sheltered position. 15 to 18 in., balled and burlapped, **$2.00**; 15 to 18 in., not balled and burlapped, **$1.50**; 18 to 24 in., balled and burlapped, **$2.50**; 18 to 24 in., not balled and burlapped, **$2.00**; 24 to 30 in., balled and burlapped, **$5.00**; 2½ to 3 ft., specimens, **$6.50**.

Old Fashioned Snowball (Viburnum Opulus Sterile). *8 to 10 ft.* A well known, large shrub, producing large balls or globes of white flowers in May. 2 to 3 ft., **60c**; per 10, **$5.00**; 3 to 4 ft., **75c**; per 10, **$6.00**; 4 to 5 ft., **$1.00**; per 10, **$8.50**.

WITCH HAZEL (Hamamelis)

Winter-Blooming Witch-Hazel (Hamamelis Vernalis). *5 to 6 ft.* Blossoms as early as January and will continue to bloom for a long time, opening during the mild weather and closing when the temperature drops. The flowers come in profusion, have a spicy fragrance, and vary from bright yellow to shades of old gold, reddish brown and maroon. It gives the best results when planted in a sheltered place well open to the winter sun. 2 to 3 ft., **$1.50**; 3 to 4 ft., **$2.00**; 4 to 5 ft., **$2.50**.

WINTERCREEPER (Euonymus)

This group of trailing Euonymus are valued for their dense evergreen foliage and hardiness. They can be used for ground covers on terraces or under trees and are very effective when planted with Evergreens.

Wintercreeper (Euonymus Radicans). Very hardy, dense growing, trailing shrub; small dull green leaves with whitish veins. 2-year, **75c**; per 10, **$6.00**.

Bronze Wintercreeper (Euonymus Radicans Colorata). A fine new variety introduced by the Arnold Arboretum, with bright red foliage in winter. 2-year, **75c**; per 10, **$6.00**.

Bigleaf Wintercreeper (Euonymus Radicans Vegetus). This is our best hardy evergreen vine. It has round leaves and is sometimes called "Evergreen Bittersweet" on account of its gorgeous red berries, which are resplendent all winter against a rich deep evergreen foliage. 2-year, **75c**; per 10, **$6.00**; 3-year, **90c**; per 10, **$7.50**.

Decorative Trees and Evergreens

Trees

ELM (Ulmus)

Chinese or Siberian Elm (Ulmus Pumila). A new variety introduced from Asia which promises to be one of the most popular shade and street trees of America. It is a tree of rare beauty with small, dark green foliage of the elm type and delicate fine twigs. It is one of the first trees to leaf out in the spring and one of the last to shed its leaves in the fall. It is of rapid growth, growing as fast as the soft maple and the poplar. A remarkable tree, graceful and beautiful, which is highly recommended by the U. S. Department of Agriculture, especially for planting in regions unsuited to most of the common shade trees.

Height	Caliper	Each	10 for
6 to 8 ft.	.....	$2.00	$17.50
8 to 10 ft.	1¼ inch	3.00	22.50
10 to 12 ft.	1½ inch	4.00	42.50

Moline Elm (Ulmus Americana Molini). *80 to 100 ft.* These are all grafted from a specimen tree, making a straight trunk and having large, dark green, thick, leathery leaves, often 6 inches across. The young trees are conical in shape, becoming, when older, more spreading with branches almost horizontal. Rapid in growth and much superior to seedling trees.

Height	Caliper	Each	10 for
8 to 10 ft.	.....	$3.00	$27.50
8 to 10 ft.	1½ inch	3.50	32.50
10 to 12 ft.	1¾ inch	5.00	47.50

Vase-Shaped Elm (Ulmus Americana Urni). *80 to 100 ft.* These grafted Elms are fast growers, all uniform in habit, and especially recommended for use in landscape and boulevard planting where grace, dignity, uniformity, and rapid growth are desired. It is a true vase-shaped tree.

Height	Caliper	Each	10 for
8 to 10 ft.	1¼ inch	$3.00	$27.50
10 to 12 ft.	1¾ inch	4.50	42.50

FLOWERING CRAB-APPLES (Malus)

Bechtel's Double-Flowering Crab (Malus Ioensis Bechteli). *10 to 15 ft.* Trees of medium size are covered in early spring with large, beautiful, double, fragrant flowers resembling small roses of a delicate pink. 3 to 4 ft., **$1.50**, per 10, **$12.50**, 4 to 5 ft., **$2.00**; per 10, **$17.50**. 5 ft. specimens, **$5.00**; 6 ft. specimens, **$8.00**; 8 ft. specimens, **$15.00**.

Carmine Crab (Malus Atrosanguinea). *10 to 15 ft.* Similar to the Japanese Flowering Crab, but with deep carmine flowers which do not fade. 3 to 4 ft.; 4 to 5 ft.; 5 to 6 ft.

Redvein Crab (Malus Niedzwetzkyana). *10 to 15 ft.* A showy tree with remarkable single red flowers followed by red fruits about one inch in diameter in October. Bark and wood are tinged with red. 3 to 4 ft.; 4 to 5 ft.; 5 to 6 ft.

Japanese Flowering Crab (Malus Floribunda). *10 to 15 ft.* Best when grown naturally, when it is a broad, tall, round-topped bush, rather than a tree, with wide-spreading branches. The flowers as they open are red, changing to rose and white. The small, yellowish fruit often remains on the trees all winter and is greatly relished by the birds. 3 to 4 ft.; 4 to 5 ft.; 5 to 6 ft.; 6 to 8 ft., specimens.

Scheideckeri Crab (Malus Scheideckeri). *10 to 15 ft.* A very showy and early, free-flowering variety, with double, bright rose-colored blooms. Tree small, of pyramidal habit; fruit yellow and good for jelly. 4 to 5 ft.; 5 to 6 ft.

Wild Sweet Crab (Malus Coronaria). *15 to 20 ft.* A low bushy tree with spready spiny branches. Very fragrant pink flowers produced in clusters. The yellow-green fruit is fragrant and is frequently used for preserves. 3 to 4 ft.; 4 to 5 ft.; 5 to 6 ft.; 6 to 8 ft., specimens.

Price of above, except where noted, 3 to 4 ft., each, **$1.25**; per 10, **$10.00**; 4 to 5 ft., **$1.50**; per 10 **$12.50**; 5 to 6 ft., **$1.75**; per 10, **$15.00**; 6 to 8 ft., **$3.00**; 6 to 8 ft. specimens, **$8.00** Sizes which we have to offer, noted after each variety.

HAWTHORN (Crataegus)

Paul's Double Scarlet Hawthorn (Crataegus Oxyacantha Splendens). *12 to 15 ft.* The most beautiful and showy of the double-flowering thorns, with lovely blossoms of bright scarlet color, large, full and very double. It forms a small tree or large shrub, and makes a fine specimen for the lawn. 3 to 4 ft., tree form, **$1.75**; per 10, **$15.00**; 4 to 5 ft., tree form, **$2.50**; per 10, **$22.50**; 5 to 6 ft., **$3.00**; 6 to 7 ft. specimens, **$5.00**.

JAPANESE FLOWERING CHERRIES

Probably no group of small-flowering trees attract more attention than the Japanese Cherries with their rose-like flowers. Thousands visit the large collection at Washington, D. C., annually. They will thrive in practically every state if planted in a fertile and well-drained soil and kept mulched for a few years.

Fujizan (Mt. Fuji). *20 ft.* A beautiful variety that produces an abundance of large double or semi-double, snow-white, fragrant flowers, about 1½ inches wide. Late flowering. 4 to 5 ft., **$4.00**.

MOLINE ELM

Kwanzan (Sekizan). *20 to 25 ft.* Often called the handsomest of all the double-flowering cherries. It forms an upright spreading tree with gray bark and deep green leaves. Its flowers are very full and double, often two inches wide, and are a deep pink or old rose. 4 to 5 ft., **$4.00**; 5 to 6 ft., specimens, **$6.50**; 6 to 7 ft., specimens, **$10.00**.

Sieboldi (Naden). *20 ft.* A very popular late-flowering variety. The flowers, a deep blush-pink in color, are very large and produced in great abundance. A vigorous grower adapted for street or lane plantings. 4 to 5 ft., **$4.00**. 5 to 6 ft., specimens, **$6.50**.

Special Offer: one each Fujizan, Kwanzan and Sieboldi, 4 to 5 ft., for **$8.50**.

JAPANESE WEEPING CHERRY

Single Flowering. An old favorite but always rare. Top grafted on straight stems. In the Spring it is covered with its rosy masses of blooms. 5 to 6 ft. stem, 2 year head, **$4.00**; 6 to 7 ft. stem, 3 year head specimens, **$7.50**.

MAPLE (Acer)

Globe Norway Maple (Acer Platanoides Globosum). An excellent form of the Norway Maple for lawn and formal effects. Clean, straight stems; branched at top forming a globe-shaped head. 6 ft. stems, **$5.00**.

Norway Maple (Acer Platanoides). *50 to 75 ft.* A large and handsome tree with spreading branches, and compact, round head. Broad, dark green foliage, fading with tones of yellow and gold in autumn.

PINUS SYLVESTRIS (Scotch Pine)

Extremely hardy and one of the best ornamental trees for lawn, park, and street plantings.

Height	Caliper	Each	10 for
8 to 10 ft.	1¼ inch	$3.00	$27.50
8 to 10 ft.	1½ inch	3.50	32.50
10 to 12 ft.	1¾ inch	4.50	42.50

Larger sizes, prices on application.

Schwedler Maple (Acer Plantanoides Schwedleri). *40 to 60 ft.* A handsome tree with beautiful leaves that are especially attractive in the spring, when their gleaming red and purple contrast brightly with the delicate green of other trees. They change to dark green during the summer and fade with tones of yellow and brown in the fall. Has the same characteristics as the Norway Maple.

Height	Caliper	Each	10 for
8 to 10 ft.	1¼ inch	$5.00	$47.50
8 to 10 ft.	1½ inch	6.00	57.50

Evergreens

ARBORVITAE (Thuja)

American Arborvitae). Of erect, broadly pyramidal habit. 2 to 2½ ft., **$1.25**, 10, **$10.00**; 2½-3 ft. **$1.50**, 10, **$12.50**; 3-3½ ft., **$2.25**, 10, **$20.00**.

Columbia Arborvitae. A beautiful variety of the American Arborvitae that has deep cream tipped foliage. 12-18 in., **$2.50**, 10, **$22.50**; 18-24 in., **$3.00**, 10, **$27.50**.

Globe Arborvitae. A round, compact form with deep green foliage. 12 in., **$1.50**, 10, **$12.50**; 15 in., **$2.00**, 10, **$17.50**; 18 in., **$2.50**, 10, **$22.50**.

Pyramidal Arborvitae. A compact, narrowly pyramidal tree. 18-24 in., **$1.50**, 10, **$12.50**; 2½ ft., **$2.00**, 10, **$17.50**; 3 ft., **$2.50**, 10, **$22.50**.

Siberian Arborvitae. Of dense and symmetrical form; rich dark green foliage; very hardy. 18 in., **$2.00**, 10, **$17.50**; 24 in., **$2.50**, 10, **$22.50**.

CEDAR (Juniperus)

Red Cedar. Tall growing, one of the best known evergreens. 18-24 in., **$1.25**, 10, **$10.00**; 2 to 2½ ft., **$1.50**, 10, **$12.50**.

Cannart Cedar. Fine pyramidal form with heavily tufted light green foliage. 18-24 in., **$2.50**, 10, **$22.50**; 24-30 in., **$3.00**, 10, **$27.50**.

Blue Cedar. One of our choicest evergreens with attractive blue-tinged foliage. 18-24 in., **$2.50**, 10, **$22.50**; 24-30 in., **$3.00**, 10, **$27.50**.

JUNIPER (Juniperus)

Canadian Juniper. Dwarf evergreen of erect habit; grayish green foliage. 12-18 in., **$1.75**, 10, **$16.00**; 18 to 24 in., **$2.00**, 10, **$17.50**.

Pfitzer Juniper. One of the best Junipers. Of broad, bushy growth with thick, rich green foliage. 12-18 in., **$1.50**, 10, **$12.50**; 18-24 in., **$2.00**, 10, **$17.50**.

Savin Juniper. A dwarf evergreen with semi-erect spreading branches. 10-12 ft., **$1.50**, 10, **$12.50**.

Creeping Savin Juniper. A trailing variety with light green foliage. 12-18 in., **$2.50**, 10, **$22.50**; 18-24 in., **$3.00**, 10, **$27.50**.

Blue Creeping Savin Juniper. Like the above, but with foliage colored a distinct steel blue. 12-18 in., **$2.50**, 10, **$22.50**; 18-24 in., **$3.00**; 10, **$27.50**.

PINE (Pinus)

Austrian Pine. A robust, stately tree with deep green needles. 18-24 in., **$1.50**, 10, **$12.50**; 24-30 in., **$2.00**; 10, **$17.50**.

Mugho (Dwarf Mountain) Pine. Beyond doubt the best all round, low growing evergreen. 12 in., **$1.50**, 10, **$12.50**; 15 in., **$2.00**, 10, **$17.50**; 18 in., **$3.00**, 10, **$27.50**.

Scotch Pine. Rapid growing, valuable for screen or windbreak plantings. 24-30 in., **$1.50**, 10, **$12.50**; 2½ to 3 ft., **$1.75**, 10, **$15.00**.

SPRUCE (Picea)

Black Hill Spruce. A very dense, compact growing spruce with green or bluish foliage. 12-18 in., **$1.50**, 10, **$12.50**; 18-24 in., **$2.00**, 10, **$17.50**.

Colorado Blue Spruce. Very showy, rich silvery blue foliage. 15-18 in., **$2.50**, 10, **$22.50**; 18-24 in., **$3.50**, 10, **$30.00**.

Colorado Green Spruce. A very popular variety with heavy, light green foliage. 12-18 in., **$1.50**, 10, **$12.50**; 18-24 in., **$2.00**, 10, **$17.50**.

Norway Spruce. One of the most widely grown spruces. 12-18 in., not balled and burlapped, window box grade, **50c**, 10, **$4.00**, 100, **$25.00**.

YEW (Taxus)

Japanese Yew. Of dense, upright spreading growth, with heavy, dark green foliage. 15-18 in., **$3.50**, 10, **$32.50**; 18-24 in., **$6.50**.

Dwarf Japanese Yew. Dwarf, bushy habit; spreading branches with short, very dark green needles. 10-12 in., **$3.50**; 12-15 in., **$4.00**.

Upright Japanese Yew. An upright or pyramidal form of the Japanese Yew. 15-18 in., **$3.50**, 10, **$32.50**; 18-24 in., **$5.00**, 10, **$42.50**.

Vaughan's Garden Tools and Requisites

PRICES GIVEN BELOW DO NOT INCLUDE PREPAYING OF CHARGES EXCEPT WHERE NOTED

FERTILIZERS (F.O.B. New York)

ADCO ARTIFICIAL STABLE MANURE. Make it yourself, in your own garden. To each ton of straw, hay, cornstalks or dried leaves add 150 lbs. Adco to make four tons of fresh or three tons of rotted manure. Adco contains nothing injurious to health or harmful to animal or plant life. Shipments accompanied by full directions. Price, 25 lb. bag, $2.00, 150 lbs., $10.50. Write for booklet.

BONE MEAL, Vaughan's "Rose Grower". Has been slightly steamed so that it can be ground fine, and is thus quicker in its action. 5 lbs., 50c; 10 lbs., 95c; 25 lbs., $1.75; 50 lbs., $2.75; 100 lbs., $4.50.

BONE MEAL, "Regular Grade." 25 lbs., $1.55; 50 lbs., $2.40; 100 lbs., $4.35.

CATTLE MANURE (Shredded). A natural fertilizer for all general purposes. If applied to the lawn in the fall it protects grass roots through the winter. As easy and clean to handle as grain. Price: 100 lbs., $4.25; 500 lbs., $20.00; 1,000 lbs., $35.00; 2,000 lbs., $65.00.

LOMA. Beautifies lawns and gardens. A scientifically prepared plant food for lawns, flowers, vegetables, shrubbery and potted plants. Rich in nitrates, phosphates and potash. Price, 5 lbs., 50c; 10 lbs., 85c; 25 lbs., $1.75; 50 lbs. $3.00; 100 lbs., $5.00.

NITRATE OF SODA or Chili Saltpeter. Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen. Cannot go by mail.

Price (subject to market changes), 5 lbs., 60c; 10 lbs., $1.00; 25 lbs., $1.75; 100 lbs., $4.95. Write for prices on larger quantities.

SHEEP MANURE (Pulverized). Excellent for mixing with soil for greenhouse plants; one part manure and six parts soil. 5 lbs., 50c; 10 lbs., 90c; 25 lbs., $1.65; 50 lbs., $2.25; 100 lbs., $3.75; 500 lbs., $16.25; 1000 lbs., $30.00; ton, $55.00.

VAUGHAN'S LAWN AND GARDEN FERTILIZER 5-8-6. Composed of plant foods in mineral form, making it odorless and quicker acting. Price, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.50; 500 lbs., $20.00; 1,000 lbs., $35.00; 2,000 lbs., $65.00.

VAUGHAN'S CONCENTRATED PLANT FOOD. This is the most useful fertilizer for all kinds of plants raised in pots. Small pkg., 20c each. Large pkg., 30c each.

Mailing weight, small, 10 oz.; large, 17 oz. Each package contains full directions.

INSECTICIDES AND FUNGICIDES

Insecticides containing Poison cannot be sent by mail.

Weights—By mail, ½ pt., 1 lb.; pt., 2 lbs.; qt., 3 lbs.

EVERGREEN. A non-poisonous insecticide which kills by contact most insects such as Aphis, lice, worms, etc., 6 oz. can, $1.00; pint, $2.00; quart, $3.50; gal., $13.00.

DRY LIME SULPHUR. For dormant spraying use 12 to 15 lbs., to 50 gals., water; lb., 35c; 5 lbs., $1.50; 25 lbs., $4.50; 100 lbs., $12.00.

FISH OIL SOAP. An excellent wash for trees and plants where insects and eggs affect the bark; also used for smearing upon trees to prevent worms crawling up. Per lb., 30c; 5 lbs., $1.25.

FLOWERS OF SULPHUR. For mildew on roses, etc. Lb., 15c; 10 lbs., $1.00; 25 lbs., $2.00.

LEMON OIL. Destroys mealy bug, scale, thrip, red spider, etc. ½ pint, 30c; pint, 50c; quart, 85c; ½ gal., $1.75; gal., $2.50; 5 gals., $10.00.

LIME-SULPHUR. The best remedy for San Jose scale. One gallon makes ten; one of the best Autumn sprays. Qt. can, 45c; 1 gal., $1.00; 5 gal. can, $4.00.

SCALICIDE. An oil preparation for San Jose scale. Qt., 75c; gal., $1.75; 5 gallons, $6.25.

TOBACCO STEMS. For fumigating. 5 lbs., 25c; 100 lbs., $2.50.

TOBACCO DUST. One of the best remedies for green and black aphis, fleas, beetles, etc., also for insects in the ground. Lb., 15c; 5 lbs., 40c; 10 lbs., 70c; 100 lbs., $4.00.

VOLCK. Controls scale insects, mealy bug, white flies, red spiders, rust, mites, aphis and thrips. Pint, 75c; quart, $1.00; gallon, $3.00; 5 gallons, $12.00;

KNIVES. Propagating. "The Vaughan," best of all. Each, $1.50; by mail, $1.55.
Budding and Propagating. Two blades, white handle. Each, $1.75; by mail, $1.80.
KNIVES. Pruning. Henckel No. 3 C. Each, $2.50; by mail, $2.60.
Imported Pruning. $2.50; by mail, $2.55.

LABELS, Wooden, for Pots.

	Per 100	1000
4 in., painted	$0.45	$2.10
5 in., painted	.50	2.75
Tree (copper wired) 3½ in.	.55	3.10

Heavy Wood Labels.—For use outside, will last for years 16x1¼ in. Doz., 60c; 100 for $4.00; 18x2 in., Doz., 75c; 100, $5.00.

WIRE FRUIT PICKER. A mechanical apple and fruit picker, so simple children can pick fruit with no danger. Without pole, price, 75c each; postpaid, 85c.

HOTBED SASH. Unglazed, for 3 rows, 10-inch glass. Each, $3.25; 3 for $9.45; doz., $36.00.
Glazed, each, $6.75; 3 for $19.65; doz., $76.80.
For 8-inch glass, 4 rows, each, $3.95; 3 for $11.50; doz., $43.20. Glazed, each, $7.25; 3 for $21.50; doz., $84.00.
Add 95c per sash for double strength.

HOTBED MATS.
Milo Waterproof Hotbed Mats. A combination of heavyweight burlap felt and absorbent pulp, cemented together with a specially prepared waterproof compound absolutely impervious to rain, sleet and snow; proof against frost; repellant to rats and mice. Easy to handle, wears for years.
Size, 40x78 inches. Each, $2.50; doz., $22.50.
Size, 76x76 inches. Each $4.50; doz., $46.00.

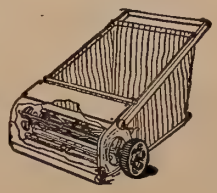
GLASS CUTTER, DIAMOND. Each, $5.00.
GLASS CUTTER, RED DEVIL. Each, 25c.
GLAZING POINTS, Vaughan's Perfection. No rights or lefts. No. 2, small, single thick glass; No. 2½, double thick, for greenhouse and skylights. Price, per lb. (approximately 900), 70c; postage extra.
Siebert's Improved, ⅝ and ⅞, price per lb., 70c.
PUTTY BULB (Scollay's). A useful tool with a tube for applying liquid putty in glazing greenhouses. Each, $1.75. Mailing weight, 1 lb.
WATERING POTS.—American. Heavy galvanized round can, two copper-faced roses, long spout; 4 quart, $4.85; 6 quart, $5.35; 8 quart, $6.00; 10 quart, $6.35; 12 quart, $6.75.
French Style. Oval, otherwise same make as above; 6 quart, $5.95; 8 quart, $6.35; 10 quart, $6.75; 12 quart $7.35.

THERMOMETERS. Tin Case, 8-inch, Each, 45c. **Cabinet Wood Case,** 8-inch. Each, 75c.
Tin Case, standard grade tested, 8-inch, Each, $1.75; **Hotbed,** Brass Point, Wooden Frame Each, $2.50; **Self-Registering** with magnet to set it, 8-inch, registeres highest and lowest temperature, Each, $6.50.
White Porcelain Enameled. For in and outdoors and greenhouse with red spirit tube, easy to read. Each, 60c.

DOUBLE EDGE PRUNING SAWS. 16-inch, each, $1.75; 18-inch, each, $1.95; 20-inch, each, $2.10.
California curved pole pruning without pole, each, $2.50.
Forester pruning saw, 26 inches long, for cutting long limbs, each, $2.00.

SHEARS (Pruning)—Best Grade, 9 in. each, $1.85. Nickel-Plated 6-inch. each, $1.50. Henckel, 8½ inch, $3.50; 9½ inch, $4.00.

Japanese Bamboo Broom Rake. Each, 75c.



LAWN SWEEPER

The Gem. Will clean a lawn more thoroughly than four men with hand rakes. Made of metal, wood and canvas, and lighter and less noisy than all metal. 24-in. cut. Each, $34.00.

SELF-WATERING FLOWER BOXES

"SAVO"

Savo self-watering flower boxes, made of the best grade of galvanized steel with neat round corners and a full roll rim, beautifully finished in green, ivory, lavender, red or pink. This box can be made useful all the year round, in the spring and summer outdoors and the fall and winter indoors.

	Height	Width	Length	Price
Model A,	8 inches,	9½ inches,	23 inches,	$3.00
Model B,	8 inches,	9½ inches,	29 inches,	3.50
Model C,	8 inches,	9½ inches,	35 inches,	4.00
Model D,	8 inches,	9½ inches,	41 inches,	4.50
Model E,	8 inches,	12 inches,	12 inches,	2.50
Model F,	12 inches,	12 inches,	12 inches,	3.00

"SUCCESS"

The "Success" Window Boxes are substantially constructed of galvanized sheet steel, lock seamed and soldered watertight. The boxes are finished in an attractive shade of green enamel and will prove an addition to any home, hotel or office building. Since they are watertight, they are especially adapted for inside use.

Outside dimensions of Window Boxes:

Length	Width	Depth	Price
24-in.	8½-in.	6¼-in.	$1.95
30-in.	8½-in.	6¼-in.	2.40
36-in.	8½-in.	6¼-in.	3.25
42-in.	8½-in.	6¼-in.	4.00

PEAT MOSS—Granulated. A moisture retaining humus, an important aid in saving soil fertility. Better than manure. Garden size bale of about 6 bushels, $2.25; larger bale of about 20 bushels, $4.50.

PEAT. (Fern roots). Very useful for Orchids and Azaleas. Per sack, about 3 bushels. $3.25

LEAF MOLD. Peck 40c; Bushel Sack, $1.15

POTTING SOIL. This mixture is prepared by us. Suitable for all ordinary plants and bulbs; by express or freight at buyer's expense, ready for use. Pk., 40c; bu., $1.25; bbl., $3.00.

POTS, PANS AND SAUCERS

RED CLAY POTS.—We pack these carefully but will not be responsible for breakages.

	Doz.	100	1000		Doz.	100
2 in.	$0.35	$1.50	$10.00	6 in.	$1.25	$ 7.95
2½ in.	.40	1.70	12.95	7 in.	1.70	12.25
3 in.	.50	2.60	16.75	8 in.	2.10	16.45
4 in.	.65	3.25	.....	10 in.	each, 55c	
5 in.	.85	5.60	.....	12 in.	each, 85c	

BULB PANS (RED)

	Each	Doz.		Each	Doz.
6 in.	$0.15	$1.25	8 in.	$0.25	$2.10
7 in.	.20	1.70	10 in.	.55	5.00

TUBS—(Flower) Richmond.

These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Prices F. O. B. Chicago or New York.

No.		Each	Four	No.		Each	Four
1	6x 6	$0.80	$3.00	9	14x13	$2.15	$ 8.20
3	8x 8	1.00	3.80	11	16x15	2.75	10.60
5	10x 9	1.10	4.20	13	18x17	3 50	13.60
7	12x11	1.60	6.00	14	19x18	4 25	15 60

If handles are required add 35c per tub.
First figure following number of tub gives diameter in inches at top of tub; second figure depth in inches.

WHEELBARROWS.

WHEELBARROW—Vaughan Garden. The best in design, material and workmanship for the class of trade who desire the best. 2½-tire which permits easy wheeling of heavy loads. Price, $7.50.

BROOM RAKE. Made of spring wire. Each, 95c.

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Helpful Details Making Mail Orders Convenient

Order at Once Send in your order as soon as possible after receiving catalog. Bulbs for immediate planting will be sent at once, others at proper time, with due notification.

How to Order Use the order sheet accompanying this catalog. One section is for seeds, bulbs and sundries (i. e. Insecticides, Manures, Poultry Supplies, etc.); the other for plants, shrubs and trees only.

Don't put plants and trees on the same section with bulbs and seeds.

Important Write your name, postoffice, state and express office plainly with black ink, on every order, and every time you write to us give plain express, mail or freight directions; where none are given, we route the same at buyers' risk.

Quantity, Size, Price Always give the quantity required of bulbs, plants or trees, mentioning size where different sizes are offered, and carry out the price of each item.

Mistakes These will happen in spite of all care. Write us at once with copy of original order if possible, and mistakes will be promptly rectified. Please do not return goods until you hear from us.

Parcel Post Fourth Class Mail Matter, which includes seeds, plants, bulbs, roots, books, tools, insecticides (in dry and paste form), odorless fertilizers and requisites, may be forwarded by domestic parcel post within the United States. See table opposite showing postage you should add to insure free delivery. All poisonous Insecticides, are unmailable.

Express Service For most orders exceeding 20 pounds in weight and for plants requiring special packing, we urge they be expressed. Mark order plainly if wanted by Express or Parcel Post.

Our Terms with customers not having an account are strictly cash with order. We make no C. O. D. shipments unless one-third of amount is paid in cash with order. No trees, plants or other perishable stock, are sent C. O. D.

How to Send Money Send by New York or Chicago draft, registered letters, or postoffice or express money order; both are cheap and absolutely safe. Small postage stamps are taken as cash, but we prefer larger denominations, such as fives, tens or fifteens. Registered letters can be sent from any postoffice, and your receipt sent you by return mail if demanded. If personal checks are used have them certified and add 15 cents for exchange cost. Put no currency in letter unless you register the same. Make money order payable to "Vaughan's Seed Store."

PARCEL POST Vaughan's Seed Store at Chicago and New York, covers the United States in a remarkable way to secure cheap postal rates for its many mail order customers.

The weights of all bulbs and roots offered are given and customers are requested to add sufficient to their remittance to cover postage on total estimated weight of order at rates given in the following table.

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S. and Possessions.	First pound or fraction	Each additional pound or fraction
Local Chicago or New York City	7c.	1c. (2lbs.)
First and Second Zone within 150 miles of either	8c.	1.1c.
Third Zone within 150 to 300 miles	9c.	2.9c.
Fourth Zone within 300 to 600 miles	10c.	3.5c.
Fifth Zone within 600 to 1000 miles	11c.	5 3c.
Sixth Zone within 1000 to 1400 miles	12c.	7c.
Seventh Zone within 1400 to 1800 miles	14c.	9c.
Eighth Zone all over 1800 miles	15c.	11c.
Canada	14c	14c.

NOTE. A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent. Limit of weight for delivery to all zones 70 pounds; to Canada 15 lbs. If weight exceeds this, we will pack in 2 or 3 parcels (not more) provided money is remitted to cover postage. Mark your Zone Number on order.

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At the same time, in case of any failure to secure proper results caused from some inherent fault in the seeds themselves, Vaughan's Seed Store accepts responsibility, not for crop, but to the extent of the amount of money paid for the seeds, if immediately advised. Or seeds may be returned.

We Do Not Warrant in any way, expressed or implied, the contents or the description, quality, productiveness or any other matter of any seeds, bulbs, plants, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once and money will be refunded. Subject to the above conditions, we make this sale at the moderate prices at which we sell our goods.

VAUGHAN'S SEED STORE, Incorporated.

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We do not warrant in any way, expressed or implied, the contents or the description, purity, productiveness or any other matter of any seeds, bulbs or plants, sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept these goods on above terms, no sale is made thereof, and he must return them at once, and money will be refunded. Subject to the above conditions we make this sale at the moderate prices we charge.
VAUGHAN'S SEED STORE (Incorporated).

QUANTITY Do not Abbreviate	NAME OF ARTICLE	SIZE	PRICE Dols.	PRICE Cts.
	☞ In making your order, please give the sizes and prices to avoid delay and errors.			
	Carried Forward,	lbs.	$	

(OVER)

Trees, Plants and Nursery Stock—Continued

QUANTITY	NAME OF ARTICLE	WEIGHT For Parcel Post Only	PRICE Dols.	Cts.
	Brought Forward			

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc. within the U. S. and Possessions. Effective Oct. 1, 1932.	First pound or fraction	Each additional pound or fraction
Local—Chicago or New York City	7c.	1c (2 lbs)
First and Second Zone within 150 miles of either	8c.	1.1c
Third Zone within 150 to 300 miles	9c.	2c
Fourth Zone within 300 to 600 miles	10c.	3.5c
Fifth Zone within 600 to 1000 miles	11c.	5.3c
Sixth Zone within 1000 to 1400 miles	12c.	7c
Seventh Zone within 1400 to 1800 miles	14c.	9c
Eighth Zone all over 1800 miles	15c.	11c

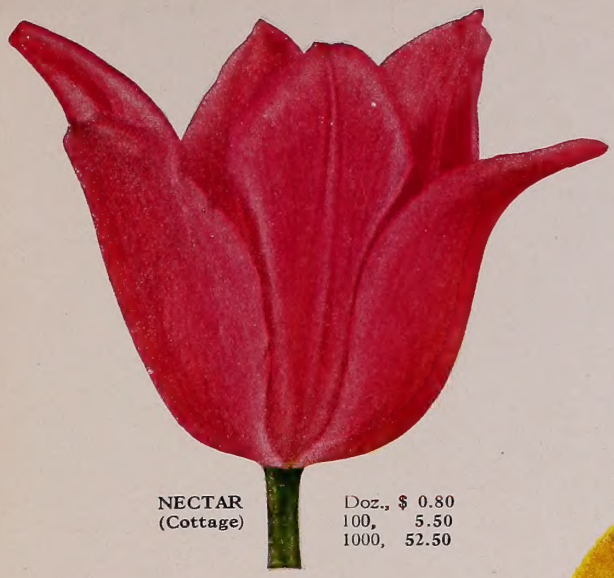
A fraction of a cent in the total amount of postage on any parcel shall be counted as a full cent.

Total Weight,		
Amount for Postage		
Grand Total,	$	

Filled by.............................. **Checked by**.............................. **Packed by**..............................

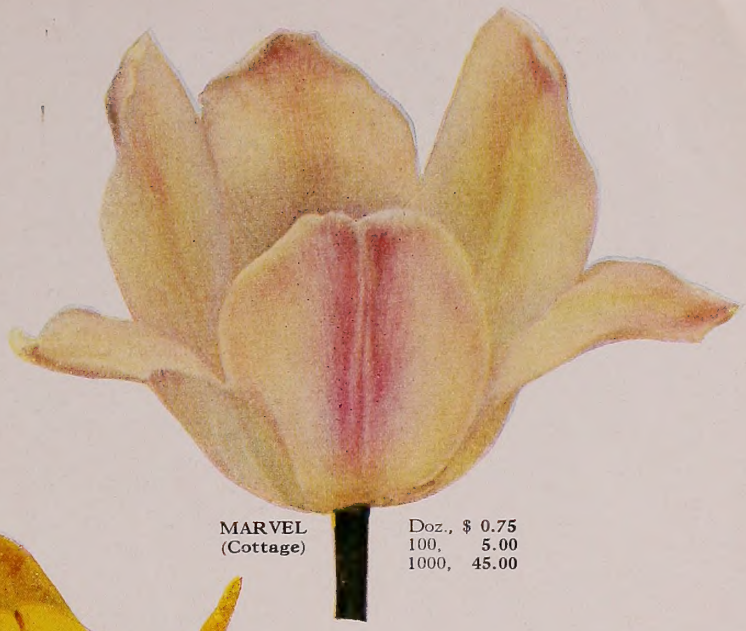
Shipped by.............................. **Style of Package**..............................

Date.............................. **Book**.............................. **Weight**..............................



NECTAR
(Cottage)

Doz., $ 0.80
100, 5.50
1000, 52.50



MARVEL
(Cottage)

Doz., $ 0.75
100, 5.00
1000, 45.00

ARGO
(Cottage)

Doz., $ 0.75
100, 5.25
1000, 48.00

AFTERGLOW
(Darwin)

Doz., $ 0.60
100, 4.50
1000, 40.00

PRINCE OF ORANGE
(Breeder)

Doz., $ 0.75
100, 5.25
1000, 48.00

BACCHUS
(Breeder)

Doz., $ 0.80
100, 5.50
1000, 50.00

Gen. DE WET
(Early)

Doz., $ 0.80
100, 5.50
1000, 50.00

DON PEDRO
(Breeder)

Doz., $0.75
100, 5.25
1000, 48.00

Cover Collection No. 3

One each (8 bulbs) of the varieties illustrated on this page, separately labeled, postpaid	**$0.60**
Two each (16 bulbs)	$1.10
Three each (24 bulbs)	1.55
Six each (48 bulbs)	2.85
Twelve each (96 bulbs)	5.50

Vaughan's Spring Flowering Bulbs

Cover Collection No. 4

One first size bulb of each of the varieties listed on this page (8 bulbs), will be sent prepaid for **45c**

Two ea.	(16)	$0.75
Three "	(24)	1.10
Six "	(48)	2.00
Twelve "	(96)	3.75

Prices of Varieties:

Rev. H. Ewbank
(Darwin)

Doz.	100	1000
$0.60	$4.25	$38.00

Bronze Queen
(Breeder)

Doz.	100	1000
$0.60	$4.25	$38.00

Mme. Krelage
(Darwin)

Doz.	100	1000
$0.60	$4.25	$38.00

Panorama (Fairy)
(Breeder)

Doz.	100	1000
$0.65	$4.50	$40.00

Inglescombe Yellow
(Cottage)

Doz.	100	1000
$0.60	$4.25	$38.00

Inglescombe Pink
(Cottage)

Doz.	100	1000
$0.60	$4.25	$38.00

Bartigon
(Darwin)

Doz.	100	1000
$0.60	$4.25	$38.00

Philippe de Commines
(Darwin)

Doz.	100	1000
$0.60	$4.25	$38.00

Vaughan's Seed Store
Chicago New York